

## Pannexin 3 Recombinant Protein | PANX3 recombinant protein

Recombinant Pannexin 3 (PANX3)

|                               |                       |                                           |                                               |
|-------------------------------|-----------------------|-------------------------------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA150270</b> | HOST<br><b>E.coli</b> | REACTIVITY<br><b>Homo sapiens (Human)</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-------------------------------------------|-----------------------------------------------|

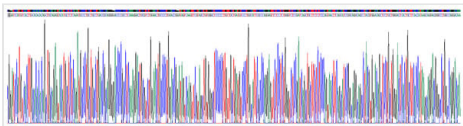
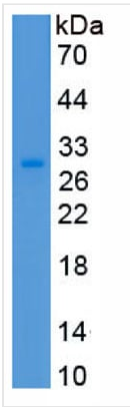
### PRODUCT SYNONYMS

Pannexin 3; Recombinant Pannexin 3 (PANX3); PANX3 recombinant protein

### PRODUCT SPECIFICATIONS

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                  | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Reactivity                                            | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Purity/Purification                                   | > 90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Form/Format                                           | PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Concentration                                         | Original Concentration: 50ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Applicable Applications for PANX3 recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Source                                                | Prokaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Residues                                              | Met1~Leu215                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Tags                                                  | N-terminal His Tag                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Subcellular Location                                  | Membrane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Traits                                                | Freeze-dried powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Predicted isoelectric point                           | 9.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Usage                                                 | Reconstitute in ddH2O to a concentration of 0.1-0.5 mg/mL. Do not vortex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Preparation and Storage                               | <p><b>Storage:</b><br/> Avoid repeated freeze/thaw cycles.<br/> Store at 2-8 degree C for one month.<br/> Aliquot and store at -80 degree C for 12 months.</p> <p><b>Stability Test:</b><br/> The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.</p> |

IMAGES



Gene Sequence  
Gene Sequencing (extract)

SDS-PAGE

MSLAHTAAEYMLSDALLPDRRGPRKGLRLEPLDRIVKFVAVGSPLLMSLAFQEFSSGSP  
SCFSPSNFSIRQAAYVDSSCWDSLHHKQDGPQDKMSLWPHKALPYSLALALLMYLPVL  
LWQYAAVPALSSDLLFIISELDKSYNRSIRLVQHMLKIRQKSSDPYVFWNELEKARKERYFEFPL  
LERYLACKQRSHSLVATYLLRNSL

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for PANX3 recombinant protein      Neuro science

NCBI AND UNIPROT INFORMATION

|                           |                                                                                                                    |
|---------------------------|--------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                 | 16418453                                                                                                           |
| NCBI Accession #          | NP_443191.1                                                                                                        |
| NCBI GenBank Nucleotide # | NP_443191.1                                                                                                        |
| UniProt Accession #       | Q96QZ0                                                                                                             |
| Molecular Weight          | Predicted Molecular Mass: 28.3kDa<br>Accurate Molecular Mass: 28kDa as determined by SDS-PAGE reducing conditions. |
| NCBI Official Full Name   | pannexin-3                                                                                                         |
| UniProt Protein Name      | Pannexin-3                                                                                                         |
| UniProt Gene Name         | PANX3                                                                                                              |
| UniProt Entry Name        | PANX3_HUMAN                                                                                                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/panx3-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/150270>