

## Myeloblastin Recombinant Protein | PRTN3 recombinant protein

Recombinant Human Myeloblastin

|                               |                       |                            |
|-------------------------------|-----------------------|----------------------------|
| CATALOG #<br><b>AAA309767</b> | HOST<br><b>E Coli</b> | REACTIVITY<br><b>Human</b> |
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### PRODUCT SYNONYMS

Myeloblastin; Recombinant Human Myeloblastin; AGP7C-ANCA antigen; Leukocyte proteinase 3; PR-3; PR3Neutrophil proteinase 4; NP-4P29Wegener autoantigen; PRTN3 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli                                                                                                                                                                                                                                                                                                                                                                                           |
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                            |
| Purity/Purification     | >85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                  |
| Form/Format             | Tris-based buffer,50% glycerol                                                                                                                                                                                                                                                                                                                                                                   |
| Sequence Positions      | Full Length, 28-248aa                                                                                                                                                                                                                                                                                                                                                                            |
| Sequence                | YMASLQMRGN PGSHFCGGTL IHPSFVLTA HCLRDIPQRL VNVVLGAHNV RTQEPTQQHF SVAQVFLNNY<br>DAENKLNVDL LIQLSSPANL SASVATVQLP QQDQVPVPHGT QCLAMGWGRV GAHDPPAQVL QELNVTVTTF<br>FCRPHNICTF VPRRKAGICF GDSGGP                                                                                                                                                                                                     |
| Organism                | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                             |
| Tag Info                | N-terminal His-tagged                                                                                                                                                                                                                                                                                                                                                                            |
| Preparation and Storage | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.<br><br>Note: Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |

### ADDITIONAL INFORMATION

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| Related Product Information for PRTN3 recombinant protein | Polymorphonuclear leukocyte serine protease that degrades elastin, fibronectin, laminin, vitronectin, and collagen types I, III, and IV (in vitro) and causes physa when administered by tracheal insufflation to hamsters. |
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### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">71361688</a>                                                                                                                                                                                                       |
| NCBI GeneID                      | <a href="#">5657</a>                                                                                                                                                                                                           |
| NCBI Accession #                 | <a href="#">NP_002768.3</a>                                                                                                                                                                                                    |
| NCBI GenBank Nucleotide #        | <a href="#">NM_002777.3</a>                                                                                                                                                                                                    |
| UniProt Accession #              | <a href="#">P24158</a> ; <a href="#">P15637</a> ; <a href="#">P18078</a> ; <a href="#">Q4VB08</a> ; <a href="#">Q4VB09</a> ; <a href="#">Q6LBM7</a> ; <a href="#">Q6LBN2</a> ; <a href="#">Q9UD25</a> ; <a href="#">Q9UQD8</a> |
| Molecular Weight                 | 51.6kD                                                                                                                                                                                                                         |
| NCBI Official Full Name          | myeloblastin                                                                                                                                                                                                                   |
| NCBI Official Synonym Full Names | proteinase 3                                                                                                                                                                                                                   |

|                               |                                                                |
|-------------------------------|----------------------------------------------------------------|
| NCBI Official Symbol          | PRTN3                                                          |
| NCBI Official Synonym Symbols | MBN; MBT; NP4; P29; PR3; ACPA; AGP7; NP-4; PR-3; CANCA; C-ANCA |
| NCBI Protein Information      | myeloblastin                                                   |
| UniProt Protein Name          | Myeloblastin                                                   |
| UniProt Gene Name             | <b>PRTN3</b>                                                   |
| UniProt Synonym Gene Names    | MBN; PR-3; PR3; NP-4                                           |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/prtn3-recombinant-protein-e-coli/309767>