

## Vesicle-associated membrane protein 2 (VAMP2) Recombinant Protein | VAMP2 recombinant protein

Recombinant Human Vesicle-associated membrane protein 2 (VAMP2)

|                              |                       |                            |
|------------------------------|-----------------------|----------------------------|
| CATALOG #<br><b>AAA29733</b> | HOST<br><b>E Coli</b> | REACTIVITY<br><b>Human</b> |
|------------------------------|-----------------------|----------------------------|

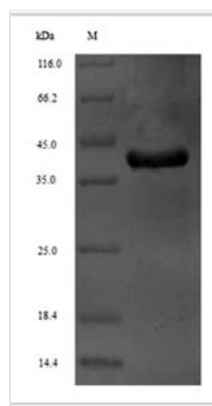
### PRODUCT SYNONYMS

Vesicle-associated membrane protein 2 (VAMP2); Recombinant Human Vesicle-associated membrane protein 2 (VAMP2); Synaptobrevin-2; VAMP2 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Purity/Purification     | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                 |
| Form/Format             | Tris-based buffer, 50% glycerol                                                                                                                                                                                                                                                                                                                                                                                             |
| Sequence Positions      | Full Length, 1-116aa                                                                                                                                                                                                                                                                                                                                                                                                        |
| Sequence                | MSATAATAPP AAPAGEGGPP APPPNLTSNR RLQQTQAQVD EVVDIMRVNV DKVLERDQKL SELDDRADAL QAGASQFETS AAKLKRKYWW KNLKMMIILG VICAILIII IVYFST                                                                                                                                                                                                                                                                                              |
| Calculated MW           | 39.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Tag Info                | N-terminal GST-tagged                                                                                                                                                                                                                                                                                                                                                                                                       |
| Preparation and Storage | <p>The shelf life is related to man factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>Generally, the shelf life of liquid form is 6 months at -20°C to -80°C.</p> <p>The shelf life of lyophilized form is 12 months at -20°C to -80°C.</p> <p>Notes: Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.</p> |

### IMAGES



#### SDS-PAGE

Greather than 90% as determined by SDS-PAGE

ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                  |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for VAMP2 recombinant protein | Involved in the targeting and/or fusion of transport vesicles to their target membrane. Modulates the gating characteristics of the delayed rectifier voltage-dependent potassium channel KCNB1. |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| NCBI GI #                        | 172072620                                       |
| NCBI GeneID                      | 6844                                            |
| NCBI Accession #                 | NP_055047.2                                     |
| NCBI GenBank Nucleotide #        | NM_014232.2                                     |
| UniProt Accession #              | P63027; P19065; Q9BUC2                          |
| NCBI Official Full Name          | vesicle-associated membrane protein 2 isoform 1 |
| NCBI Official Synonym Full Names | vesicle associated membrane protein 2           |
| NCBI Official Symbol             | VAMP2                                           |
| NCBI Official Synonym Symbols    | SYB2; VAMP-2                                    |
| NCBI Protein Information         | vesicle-associated membrane protein 2           |
| UniProt Protein Name             | Vesicle-associated membrane protein 2           |
| UniProt Gene Name                | VAMP2                                           |
| UniProt Synonym Gene Names       | SYB2; VAMP-2                                    |

**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/vamp2-recombinant-protein-e-coli/29733>