

# Recombinant Human VAMP3 protein(Met1-Lys77), His-tagged

**Cat. No.** VAMP3-1070H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human VAMP3 (Q15836) (Met1-Lys77) was expressed in E. coli with a polyhistidine tag at the N-terminus.                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | Met1-Lys77                                                                                                                                                                                                                                      |
| <b>Form</b>             | Lyophilized from sterile PBS, 10% Glycerol, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                    |
| <b>Molecular Mass</b>   | The recombinant human VAMP3 consists of 92 amino acids and predicts a molecular mass of 10.6 KDa. It migrates as an approximately 11 KDa band in SDS-PAGE under reducing conditions.                                                            |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE                                                                                                                                                                                                                |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                   |

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## GENE INFORMATION

|                 |                                                                                                                                               |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | VAMP3 vesicle-associated membrane protein 3 (cellubrevin) [ Homo sapiens ]                                                                    |
| Official Symbol | VAMP3                                                                                                                                         |
| Synonyms        | VAMP3; vesicle-associated membrane protein 3 (cellubrevin); vesicle-associated membrane protein 3; CEB; VAMP-3; cellubrevin; synaptobrevin-3; |
| Gene ID         | 9341                                                                                                                                          |
| mRNA Refseq     | NM_004781                                                                                                                                     |
| Protein Refseq  | NP_004772                                                                                                                                     |
| MIM             | 603657                                                                                                                                        |
| UniProt ID      | Q15836                                                                                                                                        |

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