

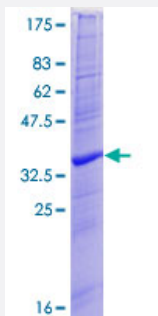
Full-Length

VAMP3 (Human) Recombinant Protein (P01)

Catalog # H00009341-P01

Size 25 ug, 10 ug

Applications



Specification

| | |
|-------------------------------|--|
| Product Description | Human VAMP3 full-length ORF (AAH03570, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal. |
| Sequence | MSTGPTAATGSNRRLQQTQNQVDEVVDIMRVNVDKVLERDQKLSELDDRADALQAGASQFETS AAKLKRKYWWKNCKMWAIGITVLVIFIIIIIVVVSS |
| Host | Wheat Germ (in vitro) |
| Theoretical MW (kDa) | 36.74 |
| Interspecies Antigen Sequence | Mouse (92); Rat (92) |
| Preparation Method | in vitro wheat germ expression system |
| Purification | Glutathione Sepharose 4 Fast Flow |
| Quality Control Testing | 12.5% SDS-PAGE Stained with Coomassie Blue. |
| Storage Buffer | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| Storage Instruction | Store at -80°C. Aliquot to avoid repeated freezing and thawing. |
| Note | Best use within three months from the date of receipt of this protein. |

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — VAMP3

Entrez GeneID [9341](#)

GeneBank Accession# [BC003570](#)

Protein Accession# [AAH03570](#)

Gene Name VAMP3

Gene Alias CEB

Gene Description vesicle-associated membrane protein 3 (cellubrevin)

Omim ID [603657](#)

Gene Ontology [Hyperlink](#)

Gene Summary Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. This gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. Because of its high homology to other known VAMPs, its broad tissue distribution, and its subcellular localization, the protein encoded by this gene was shown to be the human equivalent of the rodent cellubrevin. In platelets the protein resides on a compartment that is not mobilized to the plasma membrane on calcium or thrombin stimulation. [provided by RefSeq]

Other Designations OTTHUMP00000001361|cellubrevin|synaptobrevin-3|vesicle-associated membrane protein 3

Pathway

- [SNARE interactions in vesicular transport](#)

Disease

- [Bipolar Disorder](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)