

Full-Length

VAMP4 (Human) Recombinant Protein (P01)

Catalog # H00008674-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human VAMP4 full-length ORF (AAH31264, 1 a.a. - 141 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MPPKFKRHLNDDDDVTGSVKSEERNLLEDDSDDEEDFFLRGPSGPRFGPRNDKIKHVQNQVDEVI DVMQENITKVIERGERLDELQDKSESLSDNATAFSNRSKQLRRQMWWRGCKIKAIMALVAAILLLV IIILVMKYRT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	41.25
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 — VAMP4

Entrez GeneID [8674](#)

GeneBank Accession# [BC031264](#)

Protein Accession# [AAH31264](#)

Gene Name VAMP4

Gene Alias VAMP24

Gene Description vesicle-associated membrane protein 4

Omim ID [606909](#)

Gene Ontology [Hyperlink](#)

Gene Summary Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein SNAP25 are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. The protein encoded by this gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. This protein may play a role in trans-Golgi network-to-endosome transport. [provided by RefSeq]

Other Designations -

Pathway

- [SNARE interactions in vesicular transport](#)

Disease

- [Diabetes Mellitus](#)