

VAMP8 recombinant protein

VAMP8, 1-76aa, Human, His tag, E Coli

CATALOG # AAA48486	HOST E Coli	APPLICATIONS SDS-Page
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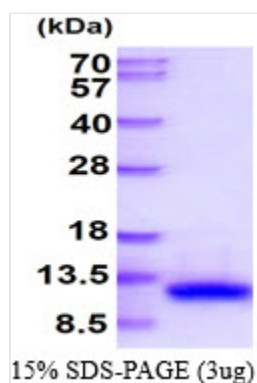
PRODUCT SYNONYMS

VAMP8; 1-76aa; Human; His tag; E Coli; Vesicle-associated membrane protein 8; Endobrevin; EDB; Vesicle-associated membrane protein 8 VAMP 5; VAMP 8; VAMP-8; VAMP5; Vesicle associated membrane protein 8.; VAMP8 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS PAGE
Form/Format	Liquid in 20mM Tris pH8.5. 0.1mM PMSF, 0.2M NaCl, 50% glycerol, 0.1M Imidazole
Concentration	0.25mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MEEASEGGGN DRVRNLQSEV EGVKNIMTQN VERILARGEN LEHLRNKTED LEATSEHFKT TSQKVARKFW WKNVKM
Sequence Length	100
Applicable Applications for VAMP8 recombinant protein	SDS-PAGE
Tag Information	His-tag
Domain	1-76aa
Preparation and Storage	Can be stored at 2°C to 8°C short term (1 week). For long term storage, aliquot and store at -20°C or -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for VAMP8 recombinant protein	Vehicle-associated membrane (VAMP8),also known as endobrevin, is the main components of a SNARE complex involved in the docking and fusion of synaptic vesicles with the presynaptic membrane. This protein plays a role in regulated enzyme secretion in pancreatic acinar cells and is involved in the abscission of the midbody during cell division, which leads to completely separate daughter cells. It is required for dense-granule secretion in platelets. Recombinant VAMP8 protein was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for VAMP8 recombinant protein	Neuroscience
References	Polgar J., et al. (2002) Blood. 100 (3):1081-3.; Ren Q., et al. (2007) Mol Biol Cell. 18 (1):24-33;

NCBI AND UNIPROT INFORMATION

NCBI GI #	14043026
NCBI GeneID	8673
NCBI Accession #	NP_003752
NCBI GenBank Nucleotide #	NM_003761.4
UniProt Accession #	Q9BV40; O60625; Q53SP9; Q6IB09
Molecular Weight	10.9kDa (96aa), confirmed by MALDI-TOF.
NCBI Official Full Name	vesicle-associated membrane protein 8
NCBI Official Synonym Full Names	vesicle associated membrane protein 8
NCBI Official Symbol	VAMP8
NCBI Official Synonym Symbols	EDB; VAMP-8
NCBI Protein Information	vesicle-associated membrane protein 8
UniProt Protein Name	Vesicle-associated membrane protein 8
UniProt Gene Name	VAMP8
UniProt Synonym Gene Names	EDB

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.