

VAMP7 recombinant protein

VAMP7, 1-188aa, Human, His tag, E Coli

CATALOG # AAA48765	HOST E Coli	APPLICATIONS SDS-Page
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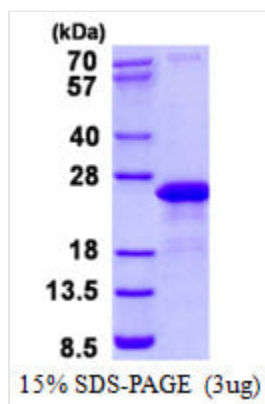
PRODUCT SYNONYMS

VAMP7; 1-188aa; Human; His tag; E Coli; Vesicle-associated membrane protein 7; SYBL1; TI-VAMP; TIVAMP; VAMP-7; VAMP7 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSMILFAV VARGTILAK HAWCGGNFLE VTEQILAKIP SENNKLTYSH GNYLFHYICQ DRIVYLCITD DDFERSRAFN FLNEIKKRFQ TTYGSRAQTA LPYAMNSEFS SVLAAQLKHH SENKGLDKVM ETQAQVDELK GIMVRNIDL V AQRGERLELL IDKTENLVDS SVTFKTTSRN LARAMCMKNL K
Sequence Length	220
Applicable Applications for VAMP7 recombinant protein	SDS-PAGE
Tag Information	His-tag
Domain	1-188aa
Preparation and Storage	Can be stored at 2°C - 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 VAMP7 recombinant protein	VAMP7 belongs to the synaptobrevin family. This protein is a transmembrane protein that is a member of the soluble N-ethylmaleimide-sensitive factor attachment protein receptor (SNARE) family. It localizes to late endosomes and lysosomes and is involved in the fusion of transport vesicles to their target membranes. Recombinant human VAMP7 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for VAMP7 recombinant protein	Signal Transduction
References	Logan MR, et al. (2006). Allergy. Jun;61 (6):777-84.; Marcet-Palacios M, et al. (2008) Biochem Biophys Res Commun. 15;366 (3):617-23.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5032137
NCBI GeneID	6845
NCBI Accession #	NP_005629
NCBI GenBank Nucleotide #	NM_005638.5
UniProt Accession #	P51809; Q53GY7; Q7Z409; Q9H4A7
Molecular Weight	23.8 kDa (211aa), confirmed by MALDI-TOF
NCBI Official Full Name	vesicle-associated membrane protein 7 isoform 1
NCBI Official Synonym Full Names	vesicle associated membrane protein 7
NCBI Official Symbol	VAMP7
NCBI Official Synonym Symbols	SYBL1; TIVAMP; VAMP-7; TI-VAMP
NCBI Protein Information	vesicle-associated membrane protein 7
UniProt Protein Name	Vesicle-associated membrane protein 7
UniProt Gene Name	VAMP7
UniProt Synonym Gene Names	SYBL1; VAMP-7; TI-VAMP

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.