Recombinant Human vesicle-associated membrane protein 7 Protein, His tagged

Cat. No. VAMP7-13H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human VAMP7 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-188aa
Description	This gene encodes a transmembrane protein that is a member of the soluble N-ethylmaleimide-sensitive factor attachment protein receptor (SNARE) family. The encoded protein localizes to late endosomes and lysosomes and is involved in the fusion of transport vesicles to their target membranes. Alternate splicing results in multiple transcript variants.
Tag	N-His
Form	Liquid
Molecular Mass	23.8 kDa
AA Sequence	MAILFAVVARGTTILAKHAWCGGNFLEVTEQILAKIPSENNKLTYSHGNYLFHYICQD RIVYLCITDDDFERSRAFNFLNEIKKRFQTTYGSRAQTALPYAMNSEFSSVLAAQLKH HSENKGLDKVMETQAQVDELKGIMVRNIDLVAQRGERLELLIDKTENLVDSSVTFKT

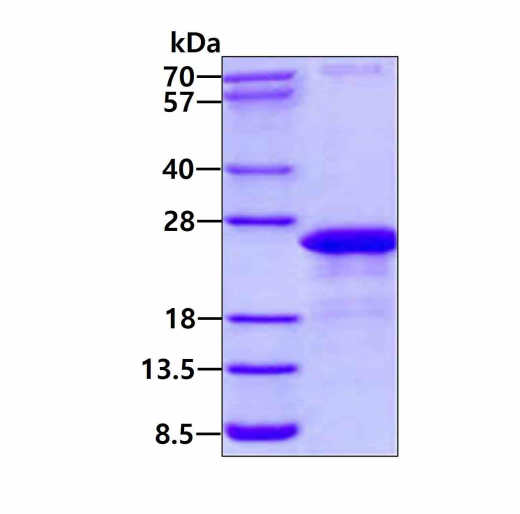
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	TSRNLARAMCMKNLK
Purity	> 90% by SDS-PAGE
Applications	SDS-PAGE
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/mL (determined by Bradford assay)
Storage Buffer	20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol
Notes	For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
References	1. Logan MR, et al. (2006). Allergy. Jun 61(6):777-84. 2. Marcet-Palacios M, et al. (2008) Biochem Biophys Res Commun. 15 366(3):617-23.

GENE INFORMATION

Gene Name	VAMP7 vesicle-associated membrane protein 7 [Homo sapiens (human)]
Official Symbol	VAMP7
Synonyms	VAMP7; vesicle-associated membrane protein 7; SYBL1, synaptobrevin like 1; TI VAMP; VAMP 7; synaptobrevin-like 1; tetanus-insensitive VAMP; synaptobrevin-like protein 1; tetanus neurotoxin-insensitive VAMP; SYBL1; TIVAMP; VAMP-7; TI-VAMP; FLJ53045; FLJ53762; FLJ54296;

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Gene ID	6845
mRNA Refseq	NM_005638
Protein Refseq	NP_005629
MIM	300053
UniProt ID	P51809
SDS-PAGE	

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

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