

Recombinant Human VAMP5, His-tagged

Cat. No. VAMP5-31700TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human VAMP5 , amino acids 1-72, with a N terminal His tag. 109 amino acids with a predicted MWt 12.7 kDa including tag.
Species	Human
Source	E.coli
ProteinLength	72 amino acids
Description	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 vesicles and cell membranes. The VAMP5 gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family and the SNARE superfamily. This VAMP family member may participate in vesicle trafficking events that are associated with myogenesis.
Conjugation	HIS
Molecular Weight	12.700kDa inclusive of tags
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	pH: 8.00Constituents:0.32% Tris HCl, 0.58% Sodium chloride, 0.02% DTT, 10%

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	Glycerol
Storage	Please see Notes section
Sequences of amino acids	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMAG IELERCQQQA NEVTEIMRNN FGKVLERGK LAELQQRSDQ LLDMSSTFNK TTQNLAQKKC WENIRYRIC
Sequence Similarities	Belongs to the synaptobrevin family. Contains 1 v-SNARE coiled-coil homology domain.

GENE INFORMATION

Gene Name	VAMP5 vesicle-associated membrane protein 5 (myobrevin) [Homo sapiens]
Official Symbol	VAMP5
Synonyms	VAMP5; vesicle-associated membrane protein 5 (myobrevin); vesicle-associated membrane protein 5;
Gene ID	10791
mRNA Refseq	NM_006634
Protein Refseq	NP_006625
MIM	607029
Uniprot ID	O95183
Chromosome Location	2p11.2

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Pathway

SNARE interactions in vesicular transport, organism-specific biosystem; SNARE interactions in vesicular transport, conserved biosystem;

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