

## Recombinant Human VAMP5, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	72 amino acids
<b>Description</b>	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.
<b>Conjugation</b>	HIS
<b>Molecular Weight</b>	12.700kDa inclusive of tags
<b>Form</b>	Liquid
<b>Purity</b>	>90% by SDS-PAGE
<b>Storage buffer</b>	pH: 8.00 Constituents: 0.32% Tris HCl, 0.58% Sodium chloride, 0.02% DTT, 10%

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

## GENE INFORMATION

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