

Recombinant Human VAMP4, His-tagged

Cat. No. VAMP4-31699TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human VAMP4 fused to His-tag at C-terminus; amino acids 1-115 , 14.5kDa.
Species	Human
Source	E.coli
ProteinLength	1-115 aa
Description	Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein SNAP25 are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. The protein encoded by this gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. This protein may play a role in trans-Golgi network-to-endosome transport.
Conjugation	HIS
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, pH 8.0

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MPPKFKRHLN DDDVTGSVKS ERRNLLEDDS DEEEDFFLRG PSGPRFGPRN DKIKHVQNQV DEVIDVMQEN ITKVIERGER LDELQDKSES LSDNATAFSN RSKQLRRQMW WRGCKLEHHH HHH
Sequence Similarities	Belongs to the synaptobrevin family. Contains 1 v-SNARE coiled-coil homology domain.
Full Length	Full L.

GENE INFORMATION

Gene Name	VAMP4 vesicle-associated membrane protein 4 [Homo sapiens]
Official Symbol	VAMP4
Synonyms	VAMP4; vesicle-associated membrane protein 4;
Gene ID	8674
mRNA Refseq	NM_001185127
Protein Refseq	NP_001172056
MIM	606909
Uniprot ID	O75379
Chromosome Location	1q24-q25

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Pathway

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

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