

Recombinant Human VAMP8, His-tagged

Cat. No. VAMP8-30990TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 1-76 of human VAMP8 with His tag; 96 amino acids, 10.9kDa.
Species	Human
Source	E.coli
ProteinLength	1-76 a.a.
Description	This gene encodes an integral membrane protein that belongs to the synaptobrevin/v esicle-associated membrane protein subfamily of soluble N-ethylmaleimide-sensitive f actor attachment protein receptors (SNAREs). The encoded protein is involved in the fusion of synaptic vesicles with the presynaptic membrane.
Conjugation	HIS
Tissue specificity	Platelets.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 30% Glycerol, 20mM Tris, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

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Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MEEASEGGGN DRVRNLQSEV EGVKNIMTQN VERILARGEN LEHLRNKTED LEATSEHFKT TSQKVARKFW WKNVKM
Sequence Similarities	Belongs to the synaptobrevin family. Contains 1 v-SNARE coiled-coil homology domain.
GENE INFORMATION	
Gene Name	VAMP8 vesicle-associated membrane protein 8 (endobrevin) [Homo sapiens]
Official Symbol	VAMP8
Synonyms	VAMP8; vesicle-associated membrane protein 8 (endobrevin); vesicle-associated membrane protein 8; EDB;
Gene ID	8673
mRNA Refseq	NM_003761
Protein Refseq	NP_003752
MIM	603177
Uniprot ID	Q9BV40
Chromosome Location	2p12-p11.2
Pathway	Clathrin derived vesicle budding, organism-specific biosystem; Golgi Associated Vesicle Biogenesis, organism-specific biosystem; Lysosome Vesicle Biogenesis, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem;

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SNARE interactions in vesicular transport, organism-specific biosystem;

Function

syntaxin binding;

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