

## Recombinant Human VAMP8, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment, corresponding to amino acids 1-76 of human VAMP8 with His tag; 96 amino acids, 10.9kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-76 a.a.
<b>Description</b>	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.
<b>Conjugation</b>	HIS
<b>Tissue specificity</b>	Platelets.
<b>Form</b>	Liquid
<b>Purity</b>	>95% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: 30% Glycerol, 20mM Tris, pH 8.0
<b>Storage</b>	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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