

Recombinant Human VAMP3

Cat. No. VAMP3-27011TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human Cellubrevin , 8.7 kDa.
Species	Human
Source	E.coli
ProteinLength	77 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 synaptic vesicles with the presynaptic membrane. This gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. Because of its high homology to other known VAMPs, its broad tissue distribution, and its subcellular localization, the protein encoded by this gene was shown to be the human equivalent of the rodent cellubrevin. In platelets the protein resides on a compartment that is not mobilized to the plasma membrane on calcium or thrombin stimulation.
Molecular Weight	8.700kDa
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	pH: 7.50Constituents:0.24% Tris, 10% Glycerol

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Storage	Please see Notes section
Sequences of amino acids	MSTGPTAATGSNRRLQQTQNQVDEVVDIMRVNVDKVLERDQKLSELDDRADALQA GASQFETSAAKLKRKYWWKNCK
Sequence Similarities	Belongs to the synaptobrevin family. Contains 1 v-SNARE coiled-coil homology domain.

GENE INFORMATION

Gene Name	VAMP3 vesicle-associated membrane protein 3 (cellubrevin) [Homo sapiens]
Official Symbol	VAMP3
Synonyms	VAMP3; vesicle-associated membrane protein 3 (cellubrevin); vesicle-associated membrane protein 3; CEB;
Gene ID	9341
mRNA Refseq	NM_004781
Protein Refseq	NP_004772
MIM	603657
Uniprot ID	Q15836
Chromosome Location	1p36.23
Pathway	Arf6 trafficking events, organism-specific biosystem; Phagosome, organism-specific biosystem; Phagosome, conserved biosystem; SNARE interactions in vesicular

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

Function

SNARE binding; protein binding; syntaxin-1 binding;

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