9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

VAMP3 Human

Synaptobrevin-3 Human Recombinant
RCP2535

Product Overview

Name	VAMP3 Human
Description	
Synaptobrevin-3 Human Recombinant	
Accession (Primary)	Q15836
Synonyms	
VAMP3, VAMP-3, Cellubrevin, Vesicle-Associated Membrane Protein 3, Synaptobrevin-3, CEB, SYB3.	
Introduction	
VAMP3 is present in recycling endosomes and endosome-derived vesicles. VAMP3 has been implicated in recycling of transferrin receptors to the plasma membrane, secretion of alpha-granules in platelets, recycling of T-cell receptors to the immunological synapses, and membrane trafficking during cell migration. VAMP-3 is present in human platelets and necessary for granule secretion. Synaptobrevins are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. VAMP3 high homology to other VAMPs in its broad tissue distribution and subcellular localization is 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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The VAMP3 protein solution contains 20mM Tris pH-7.5 and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.	
Amino acid sequence	
MSTGPTAATG SNRRLQQTQN QVDEVVDIMR VNVDKVLERD QKLSELDDRA DALQAGASQF ETSAAKLKRK	

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Precautions

VAMP3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q15836)