9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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VAMP2 Human

Synaptobrevin-2 Human Recombinant
RCP2532

Product Overview

Name	VAMP2 Human
Description	
Synaptobrevin-2 Human Recombinant	
Accession (Primary)	P63027
Synonyms	
Vesicle-associated membrane protein 2, SYB2, VAMP-2, Synaptobrevin-2, VAMP2, FLJ11460.	
Introduction	
Synaptobrevin 2 which is an 18 kDa integral membrane protein localized to the cytoplasmic surface of synaptic vesicle, consists of a proline-rich N-terminal region, a highly conserved hydrophilic domain, followed by a transmembrane anchor and a C-terminal. Synaptobrevin 2 is predominantly expressed in Langerhans islets and glomerular cells. The N-terminal domain of the protein (residues 1-89) forms a specific SNARE complex with the target membrane-associated t- or Q-SNAREs syntaxin 1 and SNAP-25.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The protein solution (1mg/ml) contains 1X PBS pH 7.4 and 1mM EDTA.	
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 dtermined by SDS-PAGE.	
Amino acid sequence	
MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSH MSA TAATAPPAAP AGEGGPPAPP PNLTSNRRLQ QTQAQVDEVV DIMRVNVDKV LERDQKLSEL DDRADALQAG ASQFETSAAK LKRKYW.	
Precautions	
VAMP2 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P63027)