

32-5208: Recombinant Human Synaptobrevin-2

Alternative Name : Vesicle-associated membrane protein 2,SYB2,VAMP-2,Synaptobrevin-2,VAMP2,FLJ11460.

Description

Source : Escherichia Coli. VAMP2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 126 amino acids (1-89) and having a molecular mass of 13.8 kDa. The VAMP contains 37 amino acids His-Tag fused at N-terminus and purified by standard chromatography techniques. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The protein solution contains 1X PBS and 1mM EDTA.
Storage condition :	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.
Amino Acid :	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMSA TAATAPPAAP AGEGGPPAPP PNLTSNRRLQ QTQAQVDEVV DIMRVNVDKV LERDQKLSEL DDRADALQAG ASQFETSAAK LKRKYW.

