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32-13502: VAMP2 Mouse

Alternative Name : Vesicle-associated membrane protein 2, VAMP-2, Synaptobrevin-2, Vamp2, Syb2.

Description

Source: Escherichia Coli.
Sterile Filtered clear solution.
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.
VAMP2 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 118 amino acids (1-94 a.a) and having a molecular mass of 12.8kDa. VAMP2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	VAMP2 protein solution (1mg/ml) containing Phosphate Buffered Saline (pH7.4), 1mM EDTA, 0.1mM PMSF and 10% glycerol.
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 :	MGSSHHHHHH SSGLVPRGSH MGSHMSATAA TVPPAAPAGE GGPPAPPPNL TSNRRLQQTQ AQVDEVVDIM RVNVDKVLER DQKLSELDDR ADALQAGASQ FETSAAKLKR KYWWKNLK.

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