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32-13501: VAMP2 Human, Sf9

Alternative Name : Vesicle Associated Membrane Protein 2, Vesicle-Associated Membrane Protein 2, Synaptobrevin 2, VAMP-2, SYB2, Synaptobrevin-2.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
Synaptobrevin-2 or VAMP2 is a protein that has a proline-rich N-terminal part, highly conserved hydrophilic domain, a transmembrane anchor and a C-terminal.VAMP2 found in the transmembrane region of the cell, in the cytoplasmic surface of the synaptic vesicle. The protein is mainly found in the Langerhans islets in the pancreas and glomerular cells in the kidney. A SNARE complex is created within the proteinÂ's N-terminal domain and the target membrane-associated T.
VAMP2 Human Recombinant produced in Sf9 Baculovirus cells is a single, 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 95.0% as determined by SDS-PAGE.
Content :	The VAMP2 solution (0.5mg/1ml) contains 0.1mM PMSF, 10% glycerol and Phosphate-Buffered Saline (pH 7.4).
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 TAPPAAPAGE GGPPAPPPNL TSNRRLQQTQ AQVDEVVDIM RVNVDKVLER DQKLSELDDR ADALQAGASQ FETSAAKLKR KYWWKNLK.

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