

VAMP8 Human

Description: VAMP8 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 96 amino acids (1-76 a.a.) and having a molecular mass of 10.9 kDa. The VAMP8 is fused to a 20 amino acid His Tag at N-terminus and purified by proprietary chromatography techniques.

Catalog #: PRPS-667

For research use only.

Synonyms: VAMP8, VAMP-8, Endobrevin, Vesicle-Associated Membrane Protein 8, EDB.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MEEASEGGGN DRVRNLQSEV
EGVKNIMTQN VERILARGEN LEHLRNKTED LEATSEHFKT TSQKVARKFW WKNVKM.

Purity: Greater than 95.0% as determined by SDS-PAGE.

Formulation:

The VAMP8 protein solution contains 20mM Tris pH-8 and 30% glycerol.

Stability:

VAMP8 although stable 4°C for 4 weeks, should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

VAMP8 also called endobrevin, is the main component of a SNARE complex involved in the docking and fusion of synaptic vesicles with the presynaptic membrane. VAMP8 protein is involved in the regulation of enzyme secretion in pancreatic acinar cells and plays a part in the abscission of the midbody during cell division, which leads to completely separate daughter cells. VAMP8 is essential for dense-granule secretion in platelets. VAMP8 is related with the perinuclear vesicular structures of the early endocytic compartment. VAMP8 interacts particularly with the soluble NSF-attachment protein (alpha-SNAP), through an VAMP8-containing SNARE complex.

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