

VAMP1 Human

Description: VAMP1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 111 amino acids and having a molecular mass of 11.9 kDa.

Catalog #: PRPS-584

Synonyms: Vesicle-associated membrane protein 1, SYB1, VAMP-1, Synaptobrevin-1, VAMP1, DKFZp686H12131.

For research use only.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MSAPAQPPAE GTEGTAPGGG
PPGPPNMTS NRRLQQTQAQVEEVVDIIRV NVDKVLERDQ KLSELDADRAD ALQAGASQFE
SSAAKLKRYK W.

Purity: Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Formulation:

The protein solution (1mg/ml) contains 1X PBS 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.

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:

Synaptobrevin 1 (Vesicle-associated membrane, VAMP1) is one of the key proteins in the SNARE complex which is involved in regulated exocytosis. Synaptobrevin1 binds to t-SNAREs, syntaxin (STX) and SNAP25, after the fusion of synaptic vesicles to plasma membrane.

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