

VAPB Human

Description: VAPB Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 242 amino acids (1-222 a.a.) and having a molecular mass of 27.1kDa. The VAPB is purified by proprietary chromatographic techniques.

Catalog #: PRPS-021

For research use only.

Synonyms: Vesicle-associated membrane protein-associated protein B/C, VAMP-B/VAMP-C, VAMP-associated protein B/C, VAP-B/VAP-C, VAPB, ALS8, VAP-B, VAMP-B.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MAKVEQVLSL EPQHELFKRG
PFTDVVTNL KLGNPTRDNV CFKVKTAPR RYCVRPNSGI IDAGASINVS VMLQPFDDYP
NEKSKHKFMV QSMFAPDTS DMEAVWKEAK PEDLMSKLR CVFELPAEND KPHDVEINKI
ISTTASKTET PIVSKSLSSS LDDTEVKKVM EECKRLQGEV QRLREENKQF KEEDGLRMRK
TVQSNPISA LA

Purity: Greater than 90.0% as determined by SDS-PAGE.

Formulation:

The VAPB solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0) and 10% glycerol.

Stability:

VAPB 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:

VAPB Vesicle-associated membrane protein (VAMP)-associated protein B (aka VAPB) is a type IV transmembrane protein and belongs to the VAP family of proteins. VAPB may have a role in vesicle trafficking. VAPB is found in plasma and intracellular vesicle membranes as a homodimer and heterodimer with VAPA, and interacts with VAMP1 and VAMP2. VAPB defects are the basis for the amyotrophic lateral sclerosis type 8 and spinal muscular atrophy autosomal dominant Finkel type.

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