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VAPA Human

Catalog #:PRPS-786

For research use only.

Description:VAPA Human Recombinant produced in E.Coli is a single, non-glycosylated,polypeptide chain containing 264 amino acids (1-227 a.a.) and having a molecular mass of 29.8 kDa. VAPA is fused to 37 amino acid His Tag and purified by proprietary chromatographic techniques.

Synonyms:hVAP-33, VAP-33, VAP-A, VAP33, Vesicle-associated membrane protein-associated protein A, VAMP-associated protein A, VAMP-A, 33 kDa VAMP-associated protein, VAPA.

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Amino Acid Sequence:RGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMAS ASGAMAKHEQ ILVLDPPTDL KFKGPFTDVV TTNLKLRNPS DRKVCFKVKT TAPRRYCVRP NSGIIDPGST VTVSVMLQPF DYDPNEKSKH KFMVQTIFAP PNTSDMEAVW KEAKPDELMD SKLRCVFEMP NENDKLNDME PSKAVPLNAS KQDGPMPKPH SVSLNDTETR KLMEECKRLQ GEMMKLSEEN RHL

Purity: Greater than 85% as determined by SDS-PAGE.

Formulation:
VAPA solution containing 20mM Tris pH-8, 1mM DTT and 10% glycerol.

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. They may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
VAPA is involved in vesicle traficking. VAPA is a type IV membrane protein. It is localized in the plasma membrane and intracellular vesicles. VAPA is related with the cytoskeleton. VAPA functions membrane fusion, protein complex assembly and cell motility. VAPA is an essential regulator both of the subcellular localization of protrudin and of its ability to stimulate neurite outgrowth.

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