
Product Data Sheet

Product Name: VAPA Human
 Cat. No.: GP24978
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
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 RHLRDEGLRL RKVAHSDKPG STSTASFRDN VTSP.		
Formulation	VAPA solution containing 20mM Tris pH-8, 1mM DTT and 10% glycerol.		

Introduction

VAPA is involved in vesicle trafficking. 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.

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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VAPA is fused to 37 amino acid His Tag and purified by proprietary chromatographic techniques.

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