

Recombinant Human VAPA, His-tagged

Cat. No. VAPA-1846H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human VAPA protein produced in <i>E. coli</i> was recombined with His tag at the N Terminus. It was purified by using conventional chromatography techniques, 29.8 kDa (264aa).
Species	Human
Source	E.coli
Description	VAPA is a type IV membrane protein, present in the plasma membrane, intracellular vesicles and may also be associated with the cytoskeleton. This protein is a SNARE regulator with high levels of expression in the intestine during late embryogenesis and early neonatal development. VAPA may function in vesicle trafficking, membrane fusion, protein complex assembly and cell motility.
Purity	> 85% by SDS – PAGE.
Form	Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol 1mM DTT.
Concentration	1 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMAS ASGAMAKHEQ ILVLDPPTDL KFKGPFTDVV TTNLKLNRPS DRKVCFKVKT TAPRRYCVRP NSGIIDPGST VTVSVMLQPF DYDPNEKSKH KFMVQTIFAP PNTSDMEAVW KEAKPDELMD SKLRCVFEMP NENDKLNDME PSKAVPLNAS KQDGPMPKPH SVSLNDTETR KLMEECKRLQ GEMMKLSEEN RHLRDEGLRL RKVAHSDKPG

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STSTASFRDN VTSP.

Stability

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name

VAPA VAMP (vesicle-associated membrane protein)-associated protein A, 33kDa [Homo sapiens]

Synonyms

VAMP (vesicle-associated membrane protein)-associated protein A, 33kDa; VAP-A; VAP33; VAP-33; MGC3745; hVAP-33; VAPA; VAMP-A; VAMP-associated protein A; 33 kDa VAMP-associated protein; vesicle-associated membrane protein-associated protein A; 33 kDa Vamp-associated protein; VAMP (vesicle-associated membrane protein)-associated protein A (33kD)

Gene ID

9218

mRNA Refseq

NM_003574.5

Protein Refseq

NP_003565.4

MIM

605703

UniProt ID

Q9P0L0

**Chromosome
Location**

18p11.22

Pathway

Tight junction; Metabolism of lipids and lipoproteins

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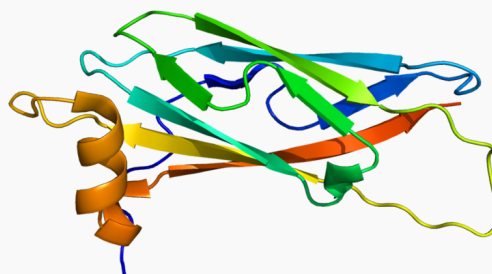
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Function

protein binding; protein heterodimerization activity; signal transducer activity;
structural molecule activity

**PDB rendering based
on 1z9l.**



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