

# Recombinant Human VAPA, His-tagged

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

## SPECIFICATION

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>         | 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).                                                                                                                                                                                                     |
| <b>Species</b>                  | Human                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>                   | E.coli                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Description</b>              | 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. |
| <b>Purity</b>                   | > 85% by SDS – PAGE.                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Form</b>                     | Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol 1mM DTT.                                                                                                                                                                                                                                                                                                                        |
| <b>Concentration</b>            | 1 mg/ml (determined by Bradford assay).                                                                                                                                                                                                                                                                                                                                                         |
| <b>Sequences Of Amino Acids</b> | MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMAS ASGAMAKHEQ<br>ILVLDPPTDL KFKGPFTDVV TTNLKLNRPS DRKVCFKVKT TAPRRYCVRP<br>NSGIIDPGST VTVSVMLQPF DYDPNEKSKH KFMVQTIFAP PNTSDMEAVW<br>KEAKPDELMD SKLRCVFEMP NENDKLNDME PSKAVPLNAS KQDGPMPKPH<br>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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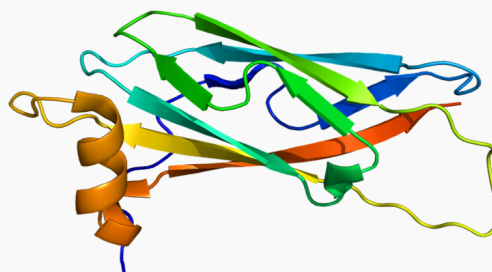
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**Function**

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

**PDB rendering based  
on 1z9l.**



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