

Recombinant human VAP-A protein

Catalog Number: ATGP0471

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-227aa

UniProt No.

Q9P0L0

NCBI Accession No.

NP_919415

Alternative Names

Vesicle-associated membrane protein-associated protein A, hVAP-33, VAP-33, VAP-A, VAP33, Vesicle-associated membrane protein-associated protein A VAMP A, VAMP associated protein A, VAP 33, VAP A, Vesicle associated membrane protein associated protein A.

PRODUCT SPECIFICATION

Molecular Weight

29.8 kDa (264aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 1mM DTT

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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. Recombinant VAPA protein was expressed in E. coli and

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purified by using conventional chromatography techniques.

Amino acid Sequence

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMAS ASGAMAKHEQ ILVLDPPTDL KFKGPFTDVV
TTNLKLRNPS DRKVCVKVKT TAPRRYCVRP NSGIIDPGST VTVSVMLQPF DYDPNEKSKH KFMVQTIFAP PNTSDMEAVW
KEAKPDELMD SKLRCVFEMP NENDKLNDME PSKAVPLNAS KQDGPMPKPH SVSLNDTETR KLMEECKRLQ GEMMKLSEEN
RHLRDEGLRL RKVAHSDKPG STSTASFRDN VTSP

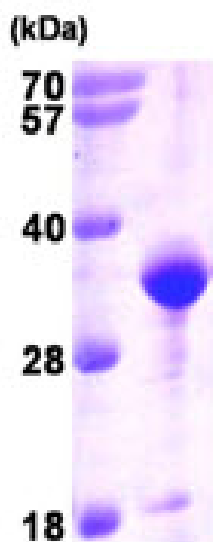
General References

Wyles JP., et al. (2002) J Biol Chem. 277(33):29908-18.

Weir ML., et al. (2001) Biochem Biophys Res Commun. 286(3):616-21.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)