

## Product Information

### **MemDX™ Membrane Protein Human VAPA (VAMP associated protein A) Expressed in *E.coli* for Antibody Discovery, Partial (1-132aa)**

Cat. No.: **MPX0681K**

This product is for research use only and is not intended for diagnostic use.

This product is a 15.5 kDa Human VAPA membrane protein expressed in *E.coli*. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

#### Product Specifications

##### Host Species

Human

##### Target Protein

VAPA

##### Protein Length

Partial (1-132aa)

##### Protein Class

Receptor

##### Molecular Weight

15.5 kDa

##### TMD

1

##### Sequence

MASASGAMAKHEQILVLDPPDTLKFKGPFDTVTTNLKLRNPSDRKVCFK  
VKTTAPRRYCVRPNSGIIDPGSTVTVSVMLQPFDPNEKSKHKFMVQTI  
FAPPNTSDMEAVWKEAKPDELMDSKLRVCFEM

#### Product Description

##### Activity

Yes

##### Expression Systems

*E.coli*

##### Tag

6xHis tag at the C-terminus

**Protein Format**

Soluble

**Form**

LYOPH

**Reconstitution**

Reconstitute at 100 µg/mL in PBS.

**Endotoxin**

<0.10 EU per 1 µg of the protein by the LAL method.

**Purity**

>95%, by SDS-PAGE under reducing conditions and visualized by silver stain

**Buffer**

Lyophilized from a 0.2 µm filtered solution in MOPS and NaCl.

**Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

**Target****Target Protein**

VAPA

**Full Name**

VAMP associated protein A

**Introduction**

The protein encoded by this gene is a type IV membrane protein. It is present in the plasma membrane and intracellular vesicles. It may also be associated with the cytoskeleton. This protein may function in vesicle trafficking, membrane fusion, protein complex assembly and cell motility. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified.

**Alternative Names**

VAPA; VAP-A; VAP33; VAMP-A; VAP-33; hVAP-33; vesicle-associated membrane protein-associated protein A; 33 kDa VAMP-associated protein; VAMP (vesicle-associated membrane protein)-associated protein A, 33kDa; epididymis secretory sperm binding protein; VAMP associated protein A

**Gene ID**

[9218](#)

**UniProt ID**

[Q9P0L0](#)