

Datasheet for ABIN7559984
PLVAP Protein (AA 1-438) (His tag)



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Overview

Quantity:	1 mg
Target:	PLVAP
Protein Characteristics:	AA 1-438
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLVAP protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Plvap Protein expressed in mammalian cells.
Sequence:	MGLSMDRSPY ARTGDQQRGC WYYLRYFFLF VSLIQFLIIL GLVLFMIYGN VHATTESSLR ATEIRADSLY SQVVGLSASQ ANLSKQLNIS LLVKETVMQQ LLTTRREMER INASFRQCQG DLITYINYNR FIAAIISEK QCQEQLKEVN KTCEALLFKL GEKVKTLEME VAKEKAVCSK DKESLLAGKR QTEEQLEACG KARERQQQEQ QVTEENLRKV QSLCIPLDQE KFQADVLSAW RDSLIIYRTLE TLPYHYQLMP EYASLRRTCE SLPGIMTTKI EELARGLRAG IERVRENAE LRRQKLELER AAQAAQEARA RAGTEAQARE TQLRAECARQ TQLALEEKAA LRAQRDNLER ELEARKRELE QLRTEVDVRI SALDTCVKAK SLPVPPRVS GPPNPPPID PASLEEFKKR ILESQRLPVV NPAAQPSG Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Product Details

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

PLVAP

Alternative Name:

Plvap ([PLVAP Products](#))

Background:

Plasmalemma vesicle-associated protein (MECA-32 antigen) (Plasmalemma vesicle protein 1) (PV-1),FUNCTION: Endothelial cell-specific membrane protein involved in the formation of the diaphragms that bridge endothelial fenestrae. It is also required for the formation of stomata of caveolae and transendothelial channels. Functions in microvascular permeability, endothelial fenestrae contributing to the passage of water and solutes and regulating transcellular versus paracellular flow in different organs. Plays a specific role in embryonic development. {ECO:0000269|PubMed:22782339}.

Molecular Weight:

49.9 kDa

UniProt:

[Q91VC4](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
