

Recombinant Human PLVAP Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PLVAP-2618H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PLVAP MS Standard C13 and N15-labeled recombinant protein (NP_112600) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	50.4 kDa
AA Sequence	MGLAMEHGGSYARAGGSSRGCWYYLRYFFLFVSLIQFLIILGLVLFMVYGNVHVSTE SNLQATERRAEGLYSPLLGLTASQSNLTKEFNFTTRAKDAIMQMWLNARRDLDRINA SFRQCQGDRIYITNNQRYMAAILSEKQCRDQFKDMNKSCDALLFMLNQKVKTLEV EIAKEKTICTKDKEVLLNKRVAEEQLVECVKTRRELQHQRQLAKEQLQKVQALCLPL DKDKFEMDLRNLWRDSIIPRSLDNLGYNLYHPLGSELASIRRACDHMPSLMSSKVEE LARSLRADIERVARENSDLQRQKLEAQQGLRASQEAKQKVEKEAQAREAKLQAECS RQTQLALEEKAVLRKERDNLAKELEEKKREAEQLRMELAIRNSALDTCIKTKSQPMM

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	PVSRPMGPVNPQPIDPASLEEFKRKILESQRPPAGIPVAPSSSGSGPTRTRRLEQKLI SEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PLVAP plasmalemma vesicle associated protein [Homo sapiens (human)]
Official Symbol	PLVAP
Synonyms	PLVAP; plasmalemma vesicle associated protein; plasmalemma vesicle-associated protein; FELS; fenestrated endothelial linked structure protein; PV 1 protein; gp68; PV 1; PV1; plasmalemma vesicle protein 1; fenestrated endothelial-linked structure protein; fenestrated-endothelial linked structure protein; PV-1 protein; PV-1;
Gene ID	83483
mRNA Refseq	NM_031310
Protein Refseq	NP_112600

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MIM 607647

UniProt ID Q9BX97

SDS-PAGE



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