

Recombinant Mouse Plvap Protein, Myc/DDK-tagged

Cat. No. Plvap-4945M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length plasmalemma vesicle associated protein (Plvap), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
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	49.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Plvap plasmalemma vesicle associated protein [Mus musculus (house mouse)]
Official Symbol	Plvap
Synonyms	PLVAP; plasmalemma vesicle associated protein; plasmalemma vesicle-associated protein; MECA-32 antigen; plasmalemma vesicle protein 1; Pv1; MECA32
Gene ID	84094
mRNA Refseq	NM_032398
Protein Refseq	NP_115774
UniProt ID	Q91VC4

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