

Product datasheet for **TP506983**

Plvap (NM_032398) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse plasmalemma vesicle associated protein (Plvap), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206983 protein sequence Red =Cloning site Green =Tags(s)

MGLSMDRSPYARTGDQQRGCWYYLRYFFLVSLIQFLIILGLVLFMIYGNVHATTESSLRATEIRADSLY
SQVWGLSASQANLSKQLNISLLVKETVMQQLLTTRREMERINASFRQCQGDILITYINYNRFIAAILSEK
QCQEQLKEVNKTCEALLFKLGEKVKTLEMEVAKEKAVCSKDKESSLAGKRQTEEQLEACGKARERQQEQ
QVTEENLRKVQSLCIPLDQEKFAQADVLSAWRDSLIYRTLETLPYHYQLMPEYASLRRTCESLPGIMTTKI
EELARGLRAGIERVTRENAELRRQKLELERAQAQAQEARARAGTEAQARETQLRAECARQTQLALEEKAA
LRAQRDNLEREAREARKRELEQLRTEVDVRSALDTCVKAKSLPAVPPRVSGPPPNPPPIDPASLEEFKKR
ILESQRLPVVNPAAQPSG

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	49.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_115774
Locus ID:	84094



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UniProt ID: [Q91VC4](#), [G3X924](#)

RefSeq Size: 2033

Cytogenetics: 8 34.43 cM

RefSeq ORF: 1317

Synonyms: MECA32; Pv1

Summary: 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. [UniProtKB/Swiss-Prot Function]