

Product datasheet for PH308914

PLVAP (NM_031310) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PLVAP MS Standard C13 and N15-labeled recombinant protein (NP_112600)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208914
Predicted MW:	50.4 kDa
Protein Sequence:	>RC208914 representing NM_031310 Red=Cloning site Green=Tags(s)

MGLAMEHGGSYARAGSSRGCWYYLRYFFLVSLIQFLIILGLVLFMVYGNVHVSTESNLQATERRAEGLYSOLLGLTASQSNLTKELNFTTRAKDAIMQMWLNARRDLDRINASFRQCQGDRVIYTNNQRYMAAILSEKQCRDQFKDMNKSCDALLFMLNQKVKTLEVEIAKEKTICTKDKEVLLNKRVAEEQLVECVKTRELQHQERQLAKEQLQKVQALCLPLDKDKFEMDLRNLWRDSIIPRSLDNLGYNLYHPLGSELASIRRACDHMPSLMSKVEELARSLRADIERVARENSDLQRQKLEAQQGLRASQEAQKQVEKEAQAREAKLQAECRSRQTQLALEEKAVLRKERDNLAKELKREAEQLRMELAIRNSALDTCIKTKSQPMPVSRPMGPVNPQPIDPASLEEFKRKILESQRPPAGIPVAPSSG

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_112600</u>
RefSeq Size:	2317
RefSeq ORF:	1326
Synonyms:	DIAR10; FELS; gp68; PV-1; PV1



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Locus ID: 83483

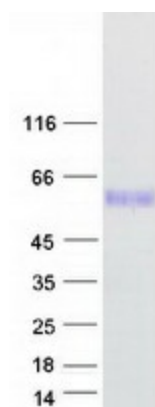
UniProt ID: [Q9BX97](#)

Cytogenetics: 19p13.11

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]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified PLVAP protein (Cat# [TP308914]). The protein was produced from HEK293T cells transfected with PLVAP cDNA clone (Cat# [RC208914]) using MegaTran 2.0 (Cat# [TT210002]).