

## Product datasheet for TP301282L

### APPD (PLEKHF1) (NM\_024310) Human Recombinant Protein

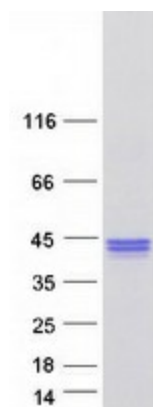
#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human pleckstrin homology domain containing, family F (with FYVE domain) member 1 (PLEKHF1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201282 protein sequence <span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)  MVDHLANTEINSQRIAAVESCFGASGQPLALPGRVLLGEGVLTKECRKKAKPRIFFLFNDILVYGSIVLN KRKYRSQHIIPLLEEVTLLELLPETLQAKNRWMIKTAKKSFVSAASATERQEWISHIEECVRRQLRATGRP PSTEHAAPWIPDKATDICMRCTQTRFSALTRRHHCRCGFVCAECSRQRFLPRLSPKPVRVCSLCYRE LAAQQRQEEAEEQGAGSPGQPAHLARPICGASSGDDDDSDDEDKEGSRDGDWPSSVEFYASGVAWSAFHS  <span style="color: red;">TR</span> <span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span>
Tag:	C-Myc/DDK
Predicted MW:	31 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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:	<u><a href="#">NP_077286</a></u>
Locus ID:	79156


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UniProt ID:	<u>Q96S99</u>
RefSeq Size:	1774
Cytogenetics:	19q12
RefSeq ORF:	837
Synonyms:	APPD; LAPF; PHAFIN1; ZFYVE15
Summary:	May induce apoptosis through the lysosomal-mitochondrial pathway. Translocates to the lysosome initiating the permeabilization of lysosomal membrane (LMP) and resulting in the release of CTSD and CTSL to the cytoplasm. Triggers the caspase-independent apoptosis by altering mitochondrial membrane permeabilization (MMP) resulting in the release of PDCD8. [UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified PLEKHF1 protein (Cat# [TP301282]). The protein was produced from HEK293T cells transfected with PLEKHF1 cDNA clone (Cat# [RC201282]) using MegaTran 2.0 (Cat# [TT210002]).