

Product datasheet for **TP503775**

Plekhf1 (NM_024413) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse pleckstrin homology domain containing, family F (with FYVE domain) member 1 (Plekhf1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR203775 protein sequence
Red=Cloning site **Green**=Tags(s)

MVDHLANTEINSQRIAAVESCFGASGQPLALPGRVLLGEGVLTKECRKKAKPRIFFLFNDILVYGSIVLS
KRKYRSQHIIPLLEVTLEPLPETLQAKNRWMIKTAKKSFVSAASTTERQEWISHIEECVRRQLLATGRQ
PTTEHAAPWIPDKATDICMRCTQTRFSALTRRHCRKCGFVCAECSRERFLLPRLSPKPLRVCSLCYRE
LAAQKRREEAREGIGGSPQLSHLGGTVCGASSGDDDDSDDEDREGNGDGDWPTQVEFYASGVSWSAFHS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 31.2 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_077724](#)

Locus ID: 72287

UniProt ID: [Q3TB82](#)



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RefSeq Size: 1559

Cytogenetics: 7 B3

RefSeq ORF: 840

Synonyms: 1810013P09Rik; 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 (By similarity).[UniProtKB/Swiss-Prot Function]