

Recombinant Mouse Plekhf1 Protein, Myc/DDK-tagged

Cat. No. Plekhf1-4928M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length pleckstrin homology domain containing, family F (with FYVE domain) member 1 (Plekhf1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	31.2 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 Plekhf1 pleckstrin homology domain containing, family F (with FYVE domain) member 1 [*Mus musculus* (house mouse)]

Official Symbol [Plekhf1](#)

Synonyms PLEKHF1; pleckstrin homology domain containing, family F (with FYVE domain) member 1; pleckstrin homology domain-containing family F member 1; PH domain-containing family F member 1; lysosome-associated apoptosis-inducing protein containing PH and FYVE domains; APPD; LAPF; PHAFIN1; ZFYVE15; 1810013P09Rik

Gene ID [72287](#)

mRNA Refseq [NM_024413](#)

Protein Refseq [NP_077724](#)

UniProt ID [Q3TB82](#)

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