

Recombinant Human PLD5 protein, His-tagged

Cat. No. PLD5-2770H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLD5 protein(272 - 495 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	272 - 495 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	SLKFKSRVPQTWSKRLYGVDNEKKLQLQLNETKSQAFVSNPKLFCPKNRSFDID AIYSVIDDAKQYVYIAVMDYLPISSTSTKRTYWPDLDAKIREALVLRSVRVRLLLSFWK ETDPLTFNFISSLKAICTEIANCSLKVKFFDLERENACATKEQKNHTFPRLNRNKYMV TDGAAYIGNFDWVGNDFTQNAGTGLVINQADVRNNRSIIKQLKDVFERDWY
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.
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GENE INFORMATION

Gene Name	PLD5 phospholipase D family, member 5 [Homo sapiens]
Official Symbol	PLD5
Synonyms	PLD5; phospholipase D family, member 5; inactive phospholipase D5; FLJ40773; inactive PLD 5; inactive choline phosphatase 5; inactive phosphatidylcholine-hydrolyzing phospholipase D5; PLDC; MGC120565; MGC120566; MGC120567;
Gene ID	200150
mRNA Refseq	NM_001195811
Protein Refseq	NP_001182740
UniProt ID	Q8N7P1

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