

Recombinant Human PLD2 protein, His-tagged

Cat. No. PLD2-3039H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLD2 protein(1-141 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-141 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	MTATPESLFPTGDELDSSQLQMESDEVDTLKEGEDPADRMHPFLAIYELQSLKVHPL VFAPGVPVTAQVVGTERYTSGSKVGTCTLYSVRLTHGDFSWTTKKKYRHFQELHRD LLRHKVLMSLLPLARFAVAYSPARDAGN
Purity	95%, 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.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name PLD2 phospholipase D2 [Homo sapiens]

Official Symbol PLD2

Synonyms PLD2; phospholipase D2; choline phosphatase 2; PLD1C; hPLD2; phosphatidylcholine-hydrolyzing phospholipase D2;

Gene ID 5338

mRNA Refseq NM_001243108

Protein Refseq NP_001230037

MIM 602384

UniProt ID O14939

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