

Recombinant Full Length Human Phospholipase D4(PLD4) Protein, His-Tagged

Cat. No. RFL22610HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Phospholipase D4(PLD4) Protein (Q96BZ4) (1-506aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-506)
Form	Lyophilized powder
AA Sequence	MLKPLWKA AVAPTWP CSMPPRRP WDREAGTLQVL GALAVLWL GSV ALICLLWQVP RPPTW GQVQPKDV PRSWEHGSSPAWEPLEAEARQQRDSCQLVLVESIPQDLPSA AGSPSAQPLGQ AWLQLLDTAQESVHVASYYSWLTGPDIGVNDSSSQLGEALLQKL QQLGRNISLAVATSS PTLARTSTD LQVLAARGAHVRQVPMGRLTRGV LHSKFWVV DGRHIYMG SANMDWRS LTQV KELGAVIYNCSHLAQDLEKTFQTYWVLGV PKAVLP KTWPNQNFSSHFNRFQPFHGLFDGVP TTAYFSASPPALCPQGRTRDLEALLAVMG S AQEFIYASVMEYFPTTRFSHPPRYWPVLDN ALRAA AFGKGVRVRL LVGCGLNTDPT MFPYLRSLQALS NPAANVSVDVKVFIVPGNHSN IPFSRVNH SKFMVTEKAA YIGTS NWSEDFYSSTAGVGLVVTQSPGAQPAGATVQEQLRQL FERDWSSRYAVGLD GQA PGQDCVWQG
Purity	Greater than 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	PLD4
Synonyms	C14orf175; Choline phosphatase 4; EC 3.1.4.4; Phosphatidylcholine hydrolyzing phospholipase D4; Phosphatidylcholine-hydrolyzing phospholipase D4; Phospholipase D family member 4; Phospholipase D4; PLD 4; PLD4; PLD4_HUMAN
UniProt ID	Q96BZ4

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