

Recombinant Human PLD4 protein, His-tagged

Cat. No. PLD4-5743H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLD4 protein(Q96BZ4)(Trp52-Gly506), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Trp52-Gly506
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in 50mM MES, 100mM NaCl (pH 6.0). Normally 8% trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 51.1 kDa. Due to glycosylation, the protein migrates to 68-75 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100

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µg/ml is recommended. Dissolve the lyophilized protein in 50mM MES, 100mM NaCl (pH 6.0).

GENE INFORMATION

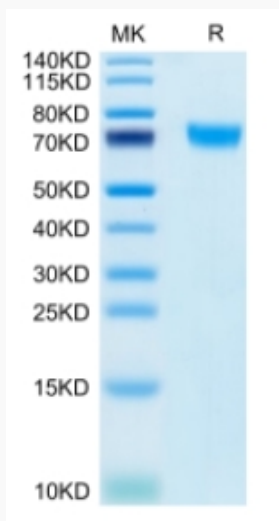
Gene Name	PLD4 phospholipase D family, member 4 [Homo sapiens]
Official Symbol	PLD4
Synonyms	PLD4; phospholipase D family, member 4; C14orf175, chromosome 14 open reading frame 175; phospholipase D4; PLD 4; choline phosphatase 4; phosphatidylcholine-hydrolyzing phospholipase D4; C14orf175;
Gene ID	122618
mRNA Refseq	NM_138790
Protein Refseq	NP_620145
UniProt ID	Q96BZ4

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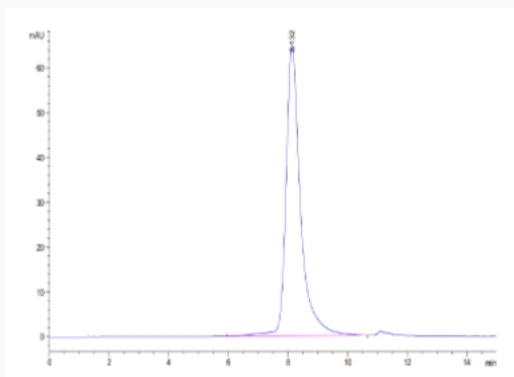
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Tris-Bis PAGE



SEC-HPLC



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