

Recombinant Human PLD1, GST-tagged

Cat. No. PLD1-1770H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLD1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	725-1074aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	PLD1 phospholipase D1, phosphatidylcholine-specific [Homo sapiens]
Official Symbol	PLD1
Synonyms	PLD1; phospholipase D1, phosphatidylcholine-specific; phospholipase D1; choline phosphatase 1; phosphatidylcholine-hydrolyzing phospholipase D1;
Gene ID	5337

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mRNA Refseq	NM_001130081
Protein Refseq	NP_001123553
MIM	602382
UniProt ID	Q13393
Chromosome Location	3q26
Pathway	Alpha-synuclein signaling, organism-specific biosystem; Arf6 downstream pathway, organism-specific biosystem; Arf6 trafficking events, organism-specific biosystem; CDC42 signaling events, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem;
Function	NAPE-specific phospholipase D activity; hydrolase activity; phosphatidylinositol binding; phospholipase D activity;

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