

Recombinant Human PLCD3, His-tagged

Cat. No. PLCD3-1765H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLCD3 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	441-789aa
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 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	PLCD3 phospholipase C, delta 3 [Homo sapiens]
Official Symbol	PLCD3
Gene ID	113026
mRNA Refseq	NM_133373.3

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Protein Refseq	NP_588614.1
MIM	608795
UniProt ID	Q8N3E9
Chromosome Location	17q21.31
Pathway	Calcium signaling pathway, organism-specific biosystem;Calcium signaling pathway, conserved biosystem;D-myo-inositol (1,4,5)-trisphosphate biosynthesis, organism-specific biosystem;D-myo-inositol-5-phosphate metabolism, organism-specific biosystem;Inositol phosphate metabolism, organism-specific biosystem;Inositol phosphate metabolism, conserved biosystem;Inositol phosphate metabolism, PI=>
Function	calcium ion binding;phosphatidylinositol phospholipase C activity;phospholipid binding;signal transducer activity;

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