

Recombinant Human PLCG2 protein, His-tagged

Cat. No. PLCG2-7856H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLCG2 protein(826-928 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	826-928 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	DISTADFEELKQIIEDNPLGSLCRGILDINTYNNVVKAPQGKNQKSFVFILEPKQQGYPPVEFATDRVEELFEWFQSIREITWKIDTKENNMKYWEKNQSI
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	PLCG2 phospholipase C, gamma 2 (phosphatidylinositol-specific) [Homo sapiens]
Official Symbol	PLCG2
Synonyms	PLCG2; phospholipase C, gamma 2 (phosphatidylinositol-specific); 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase gamma-2; PLC-IV; PLC-gamma-2; phospholipase C-IV; phosphoinositide phospholipase C-gamma-2; FCAS3;
mRNA Refseq	NM_002661
Protein Refseq	NP_002652
MIM	600220
UniProt ID	P16885
Gene ID	5336

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SDS-PAGE

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