

Recombinant Human PLCG2 protein, His-tagged

Cat. No. PLCG2-2820H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLCG2 protein(150-313 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	150-313 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	IYSVDQTRRNSISLRELKTLPLINFKVSSAKFLKDKFVEIGAHKDELSFEQFHLFYKKL MFEQQKSILDEFKKDSSVFILGNTDRPDASAVYLRDFQRFLIHEQQEHWAQDLNKVR ERMTKFIDDTMRETAEPFLFVDEFLTLYFSRENSIWDEKYDAVDMQD
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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;
Gene ID	5336
mRNA Refseq	NM_002661
Protein Refseq	NP_002652
MIM	600220
UniProt ID	P16885

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