

Recombinant Human PLCG1 protein, GST-tagged

Cat. No. PLCG1-301472H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLCG1 (467-563 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala467-His563
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MAEGSAYEEVPTSM MYSENDISNSIKNGILYLEDPVNHEWYPHYFVLTSSKIYYSEET SSDQGNEDDEEPPKEVSSSTELHSNEKWFGKLGAGRDGRH
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
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.

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GENE INFORMATION

Gene Name	PLCG1 phospholipase C, gamma 1 [Homo sapiens]
Official Symbol	PLCG1
Synonyms	PLCG1; phospholipase C, gamma 1; phospholipase C, gamma 1 (formerly subtype 148) , PLC1; 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase gamma-1; NCKAP3; PLC II; PLC148; PLCgamma1; PLC-148; PLC-gamma-1; phospholipase C-II; phospholipase C-148; phosphoinositidase C; phospholipase C-gamma-1; inositoltrisphosphohydrolase; phosphoinositide phospholipase C; phosphatidylinositol phospholipase C; triphosphoinositide phosphodiesterase; phosphoinositide phospholipase C-gamma-1; monophosphatidylinositol phosphodiesterase; 1-phosphatidyl-D-myo-inositol-4,5-bisphosphate; phospholipase C, gamma 1 (formerly subtype 148); 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase gamma 1; PLC1; PLC-II;
Gene ID	5335
mRNA Refseq	NM_002660
Protein Refseq	NP_002651
MIM	172420
UniProt ID	P19174

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