

Recombinant Human PLCZ1 protein, His-tagged

Cat. No. PLCZ1-1769H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLCZ1 protein(56-220 aa), fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	56-220 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	ENHCSTAQQEVMADNLQATFGESLLSDMLDDFPDTLPSPEALKFKILVKNKKIGTLK ETHERKGSDKRGDNQDKETGVKKLPGVMLFKKKKTRKLIKIALALS DL VIYTKAEKFK SFQHSRLYQQFNENNSIGETQARKLSKLRVHEFIFHTRKFITRIYPKATRA
Purity	80%, 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 µg/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 [PLCZ1 phospholipase C, zeta 1 \[Homo sapiens \]](#)

Official Symbol [PLCZ1](#)

Synonyms PLCZ1; phospholipase C, zeta 1; 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase zeta-1; NYD SP27; PLCzeta; PLC-zeta-1; phospholipase C-zeta-1; PI-phospholipase C zeta 1; testis-development protein NYD-SP27; testis-development related NYD-SP27; phosphoinositide phospholipase C-zeta-1; 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase zeta-1; NYD-SP27; MGC149685;

Gene ID [89869](#)

mRNA Refseq [NM_033123](#)

Protein Refseq [NP_149114](#)

MIM [608075](#)

UniProt ID [Q86YW0](#)

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