

## Recombinant Human PLCZ1 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PLCZ1 protein(56-220 aa), fused with His tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	56-220 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	ENHCSTAQQEVMADNLQATFGESLLSDMLDDFPDTLPSPEALKFKILVKNKKIGTLK ETHERKGS DKRGDNQDKETGVKKLPGVMLFKKKKTRKLIKIALALS DLVIYTKAEKFK SFQHSRLYQQFNENNSIGETQARKLSKLRVHEFIFHTRKFITRIYPKATRA
<b>Purity</b>	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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.
<b>Reconstitution</b>	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** 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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