

Recombinant Human PLA2G4F protein, His-tagged

Cat. No. PLA2G4F-3746H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLA2G4F protein(111-330 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	111-330 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	ELTLYDKDILGSDQLSLLFLDLRSLKCGQPHKHTFPLNHQDSQELQVEFVLEKTQVP ASEVITNGVLVAHPCLRIQGTLRGDGTAPREEYGSRQLQLAVPGAYEKPQLPLQPP TEPGLPPTFTFHVNPVLSSRLHVELMEVLAQVSGPSAELEAQTSLKGEGGILLSSLP LGQEEQCSVALGEGQEVALSMKVEMSSGDLRLGFDLSDGEQEFLDR
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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
	Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	PLA2G4F phospholipase A2, group IVF [Homo sapiens]
Official Symbol	PLA2G4F
Synonyms	PLA2G4F; phospholipase A2, group IVF; cytosolic phospholipase A2 zeta; PLA2G4F/Z; cPLA2-zeta; PLA2G4FZ; DKFZp666G192; DKFZp781B229;
Gene ID	255189
mRNA Refseq	NM_213600
Protein Refseq	NP_998765
UniProt ID	Q68DD2

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