



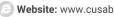


Recombinant Human 1-phosphatidylinositol 4,5bisphosphate phosphodiesterase delta-4 (PLCD4)

second messenger molecules diacylglycerol (DAG) and inositol 1,4, trisphosphate (IP3). DAG mediates the activation of protein kinase (while IP3 releases Ca2+ from intracellular stores. Required for acro reaction in sperm during fertilization, probably by acting as an impour for intracellular Ca2+ mobilization in the zona pellucida-induced acropolitical protein with nuclear PKC. Overexpression up-regulates the Erb pathway and proliferation. Abbreviation Recombinant Human PLCD4 protein Storage The shelf life is related to many factors, storage state, buffer ingredistorage temperature and the stability of the protein itself. Generally, of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilizer months at -20°C/-80°C. The shelf life of lyophilizer months at -20°C/-80°C. The shelf life of lyophilizer months at -20°C/-80°C. Uniprot No. Q9BRC7 Alias Phosphoinositide phospholipase C-delta-4Phospholipase C-delta-4 Product Type Recombinant Protein Immunogen Species Homo sapiens (Human) Purity Greater than 90% as determined by SDS-PAGE. Sequence MASLLQDQLTTDQDLLLMQEGMPMRKVRSKSWKKLRYFRLQND RQARGSAKPSFSISDVETIRNGHDSELLRSLAEELPLEQGFTIVFH MANSVEEAQIWMRGLQLLVDLVTSMDHQERLDQWLSDWFQRGI SFQEVQRLLHLMNVEMDQEYAFSLFQAADTSQSGTLEGEEFVQF EVQELFESFSADGQKLTLLEFLDFLQEEQKERDCTSELALELIDRY RHVLSMDGFLSY\LCSKDGDIFNPACLPIYQDMTQPLNHVFICSSHI LCGQSSVEGYIRALKRGCRCVEVDVWDGPSGEPVVYHGHTLTSF TVAQYAFQTSDYPVILSLETHCSWEQQQTMARHLTEILGEQLLST VAQYAFQTSDYPVILSLETHCSWEQQQTMARHLTEILGEQLLST QLPSPEELRRKILVKGKKLTLEEDLEYEEEEAEPELEESELALESQ EQNLQNKDKKKKSKPILCPALSSLVIYLKSVSFRSFTHSKEHYHFY AKRLIKEAGNEFVQHNTWQLSRVYPSGLRTDSSNYNPQELWNAC MQTAGLEMDICDGHFRQNGGGGYVLKPDFLRDIQSSFHPEKPISS QVISGQQLPKVDKTKEGSIVDPLVKVQIFGVRLDTARQETNYVENI		
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	esearch Area	Signal Transduction
Target Names PLCD4	ource	E.coli
	arget Names	PLCD4



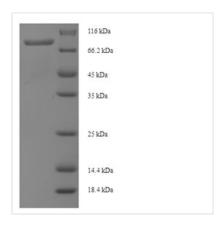






Expression Region	1-762aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	103.6kDa
Protein Length	Full Length

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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