

Product datasheet for TP322969

PLA2G4D (NM_178034) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human phospholipase A2, group IVD (cytosolic) (PLA2G4D), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC222969 representing NM_178034 Red=Cloning site Green=Tags(s)

MESLSPGGPPGHPYQGEASTCWQLTVRVLEARNLRWADLLSEADPYVILQLSTAPGMKFKTKLTDTSHPLVWNEAFRLIQSQVKNVLELSIYDEDSVTEDDICFKVLYDISEVLP GKLLRKTFSQSPQGEEELDVEFLMEETSDRPENLITNKVIVARELSCLDVHLDSTGSTAVVADQDKLELELVKGSYEDTQTSFLGTASAFRFHYMAALETELSGRLRSSRSNGWNGDNSAGYLTVPLRPLTIGKEVTMDVPAPNAPGVRQLKAEGCPEELAVHLGFNLCAEEQAFLSRRKQVAKALKQALQLDRDLQEDVPPVVGIMATGGGARAMTSLYGHLLALQKLGLLDCVTYFSGISGSTWMTMAHLYGDPEWSQRDLEGPIRYAREHLAKSKLEVFSPERLASRRELELRAEQGHPTTFVDLWALVLESMLHGQVMDQKLSGQRAALERGQNPLPLYLSLNVKENNLETDFKEWVEFSPYEVGFLKYGAFVPELFGSEFFMGRMLMRRIPERICFLEAIWSNIFSLNLLDAWYDLTSSGESWKQHIDKTRSL EKEPLTSSGTSSRLEASWLQPGTALAQAQFKGFLTGRPLHQRSNPLQGLQLHQDYCSHKDFSTWADYQLDSMPSQLTPKEPRLCLVDAAYFINTSSPSMFRPGRRDLILSFDYLSAPFEALQQTELYCRARGLPFPRV EPSPQDQHQP RECHLFS DPACPEAPILLHFPLVNASFKDHSAPGVQRSPAELQGGQVDLTGATCPYTLNMTYKEEDFERLLRLSDYINVQTSQGAILQALRTALKHRTLEARPPRAQT

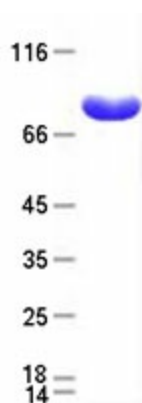
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	91.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_828848
Locus ID:	283748
UniProt ID:	Q86XP0
RefSeq Size:	3584
Cytogenetics:	15q15.1
RefSeq ORF:	2454
Synonyms:	cPLA2delta
Summary:	The phospholipase A2 enzyme family, including PLA2G4D, catalyze the hydrolysis of glycerophospholipids at the sn-2 position and then liberate free fatty acids and lysophospholipids (Chiba et al., 2004 [PubMed 14709560]).[supplied by OMIM, Jun 2009]
Protein Pathways:	Fc gamma R-mediated phagocytosis

Product images:

Coomassie blue staining of purified PLA2G4D protein (Cat# TP322969). The protein was produced from HEK293T cells transfected with PLA2G4D cDNA clone (Cat# [RC222969]) using MegaTran 2.0 (Cat# [TT210002]).