

Product datasheet for PH322969

PLA2G4D (NM_178034) Human Mass Spec Standard

Product data:

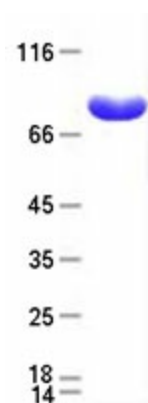
Product Type:	Mass Spec Standards
Description:	PLA2G4D MS Standard C13 and N15-labeled recombinant protein (NP_828848)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222969
Predicted MW:	91.8 kDa
Protein Sequence:	>RC222969 representing NM_178034 Red=Cloning site Green=Tags(s)
	MESLSPGPPGHPYQGEASTCWQLTVRVLEARNLRWADLLSEADPYVILQLSTAPGMKFKTKTLTDTSHPVWNEAFRFLIQSQVKNVLELSIYDEDSVTEDDICFKVL YDISEVLP GKLLRKTFSQSPQGEELDVEFLMEETS DRPENLITNKVIVARELSCLDVHLDSTGSTAVVADQDKLELELV LKGSYEDTQTSFLGTASAFRFHYMAALETELSGRLRSSRSGWNGDNSAGYLVPLRPLTIGKEVTMDVPAPNAPGVRLQLKAEGCPEELAVHLGFNLCAEEQAFLSRRKQVVAKALKQALQLDRDLQEDEVVVGIMATGGGARAMTSLYGHLLALQKLGLLDCVTFYSGISGSTWTMAHLYGDPEWSQRDLEGP IRYAREHLAKSKLEVFSPERLASYRRELELRAEQGHPTTFVDLWALVLESMLHGQVMDQKLSGQRAALERGQNPLPLYLSLNVKNNLETLDKFKEWVEFSPYEVGFLKYGAFVPPPELFGSEFFMGRLMRRIPERICFLEAIWSNIFSLNLLDAWYDLTSSGESWKQHIKDKTRSL EKEPLTSSGTSSRLEASWLQPGTALAQAQFKGFLTGRPLHQRSPNFLQGLQLHQDYCSHKDFSTWADYQLDSMPSQLTPKEPRCLVDAAYFINTSSPSMFRPGRRLDLILSFDYSLSAPFEALQQTELYCRARGLPFPRV EPSPQDQHQP RECHLFS DPACPEAPILLHFPLVNASFKDHSAPGVQRSPAELQGGQVDLTGATCPYTLNMTYKEEDFERLLRLSDYNVQTSQGAILQALRTALKHRTLEARPPRAQT
	TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_828848



[View online >](#)

RefSeq Size:	3584
RefSeq ORF:	2454
Synonyms:	cPLA2delta
Locus ID:	283748
UniProt ID:	Q86XP0
Cytogenetics:	15q15.1
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]).