

Recombinant Full Length Human PLA2G4D Protein, C-Flag-tagged

Cat. No. PLA2G4D-1926HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PLA2G4D Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	91.8 kDa
AA Sequence	MESLSPGGPPGHPYQGEASTCWQLTVRVLEARNLRWADLLSEADPYVILQLSTAPG MKFKTKTLTDTSHV VVNEAFRFLIQSQVKNVLELSIYDEDSVTEDDICFKVLYDISEV LPGKLLRKTFSQSPQGEELDVEFLM EETSDRPENLITNKVIVARELSCLDVHLDST GSTAVVADQDKLELELVLKGSYEDTQTSFLGTASAFRFH YMAALETELSGRLRSSR SNGWNGDNSAGYLTVPLRPLTIGKEVTMDVPAPNAPGVRLQLKAEGCPEELAV HL GFNLCAEEQAFLSRRKQVAKALKQALQLDRDLQEDEVVVGIMATGGGARAMTSL YGHLLALQKGL LDCVTYFSGISGSTWTMAHLYGDPEWSQRDLEGPIRYAREHLAK SKLEVFSPERLASRRELELRAEQGH PTTFVDLWALVLESMLHGQVMDQKLSGQR AALERGQNPLPLYLSLNVKENNLETLDKFKEWVEFSPYEVGF LKYGAFVPPPELFGSE

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FFMGRLMRRRIPEPRICFLEAIWSNIFSLNLLDAWYDLTSSGESWKQHIKDKTRSL EK
 EPLTTSGTSSRLEASWLQPGTALAQAQAFKGF LTGRPLHQRSPNFLQGLQLHQDYCSH
 KDFSTWADYQLD SMPSQLTPKEPRLCLVDAAYFINTSSPSMFRPGRRDLILSFDYS
 LSAPFEALQQTELYCRARGLPFPRV EPSPQDQHQP RECHLFSDPACPEAPILLHFP
 LVNASFKDHSAPGVQRSPAELQGGQVDLTGATCPYTLN MTYKEEDFERLLRLSD
 YNVQTSQGAILQALRTALKHRTLEARPPRAQT TRTRPLEQKLISEEDLAANDILDYKD
 DDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Fc gamma R-mediated phagocytosis
Full Length	Full L.

GENE INFORMATION

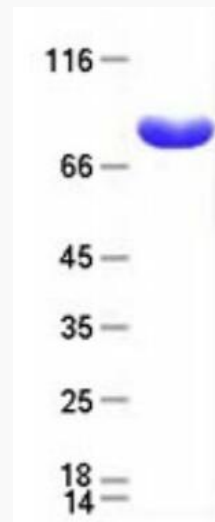
Gene Name	PLA2G4D phospholipase A2 group IVD [Homo sapiens (human)]
Official Symbol	PLA2G4D
Synonyms	cPLA2delta

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Gene ID	283748
mRNA Refseq	NM_178034.4
Protein Refseq	NP_828848.3
MIM	612864
UniProt ID	Q86XP0



Coomassie blue staining of purified PLA2G4D protein.

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