

Product datasheet for TP511812

Plcb1 (NM_001145830) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse phospholipase C, beta 1 (Plcb1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR211812 representing NM_001145830
Red=Cloning site Green=Tags(s)

MAGAQPGVHALQLKPVCSDSLKKGTKFVKWDDSTIVTPIILRTDPQGGFFYWTDQNKETELLDLSLVK
DARCGKHAKAPKDPKLRRELLDVGNIHLEQRMITVVYGPDLVNISHLNLVAFQEEVAKEWTFNEVFLATN
LLAQNMSRDAFLEKAYTKLKLQVTEGRIPLKNIYRFSADRKRVTAEACSLPSSRNDSIPQEDFTPD
VYRVFLNNLCRPEIDNIFSEFGAKSKPYLTVDQMMDFINLKQRDPRLNEILYPLKQEQVQVLEIKYEP
NSSLAKKGQMSVDGFMRYLSGEENGWVSPEKLDLNEDEMSQPLSHYFINSSHNTYLTAGQLAGNSSVEMYR
QVLLSGCRCVELDCWKGRTAEEEPVITHGFTMTTEISFKEVIEAIAECAFKTSPFPILLSFENHVDSPKQ
QAKMAEYCRIFGDALLMEPLEKYPLESGVPLPSPMDLMYKILVKNKKKSHKSESGGKKLSEQASNTY
SDSSSVFEPSSPGAGEADTESDDDDDDDDCKKSSMDEGTAGSEAMATEEMS NLVNIYIQPVKFESFEISKK
RNKSFEMSSFVETKGLEQLTKSPVEFVEYNKMQLSRIYPKGTRVDSSNYMPQLFWNAGCQMVALNFQTV
LAMQINMGMYEYNGKSGYRLKPEFMRRPKHFDPFTEGIVD GIVANTLSVKIISGQFLSDKKVGTYYEVD
MFGLPVDTRRKAFKTKTSQGNVNPVWEEPIVFKKVVPLSLACLRIAAAYEEGGKFIGHRILPVQAIRPG
YHYICLRNERNQPLTLPVAVFYIEVKDYVPD TYADVIEALSNIPIRYVNLMEQRAKQLAALTLEDEEEVKK
EADPGETSSEAPSETRTTPAENGVNHTASLAPKPPSQAPHSQPAPGSVKAPAKTEDLIQSVL TEVEAQTI
EELKQKQSFVKLQKKHYKEMKDLVKRHHKKTTELIKEHTTKYNEIQNDYLRRRAALEKS AKKDKSKKSE
SSPDHGSSAIEQDLAALDAEMTQKLIDLKDKQQQLLNLRQEYQYSEKYQKREHIKLLIQKLT DVAEECC
NNQLKLLKEICEKEKELKKKMDKKRQEKITEAKSKDKSQMEEEKTEMIRSYIQEVVQYIKRLEEAQSKR
QEKLVEKHNEIRQQILDEKPKLQTELEQEQDKFKRLPLEILEFVQEAMKGIKISEDSNHGSAPPSLASDA
AKVNLKSPSSEIERENPGREFDTPL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 138.4 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method



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Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
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_001139302
Locus ID:	18795
UniProt ID:	Q9Z1B3 , Q3UPW0
RefSeq Size:	6998
Cytogenetics:	2 65.66 cM
RefSeq ORF:	3648
Synonyms:	3110043I21Rik; A1132408; mKIAA0581; Plcb
Summary:	The production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) is mediated by activated phosphatidylinositol-specific phospholipase C enzymes.[UniProtKB/Swiss-Prot Function]