

Product datasheet for TP511870

Plcg2 (NM_172285) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phospholipase C, gamma 2 (Plcg2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR211870 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MTTMVNVDTLPEYEKSQLKRALELGTVMVFNARKSTPERRTVQMIMETRQVAWSKTADKIEGFLDIMEI
KEIRPGKNSKDFERAKAVRHKAECCTILYGTQFVLSTLSLATDSKEDAVKWL SGLKILHQEAMASSTPT
MIESWLRKQIYSVDQTRRNSISLRELKILPLVNFVSGIKFLKDKLVEIGAQKDEL SFEQFHLFYK KLM
FDQQKSILDEFK K DSSVFILGNTDRPDASAVYLQDFQRLLHEQQELWAQDLNKVRERMTKFIDDTMRET
AEPFLVDFEFLTYLFSRENSIWDEKYDAVDMQDMNPLSHYWISSSHNTYLTGDQLRSESSTEAYIRCLR
AGCRCIELDCWDGPDGKPIIYHGWTTRTTKIKFDDVVQAIRDHAFVTSSFPVILSIEEHCSVEQQRHMAKV
FKEVLGDMLLTKPTEASADQLPSPSQLREKIIKHKKLGPKGDVDVNVEDKKDEHKPQGELYMWD SIDQK
WTRHYCAIADAKLSFGDDIEQAVEEPPVQDTPPELHFGEKWFHKKVESRTSAEKLLQEYCAETGAKDGT
FLVRESETFPNDYTL SFWRSGRVQHCRIRSTMENGVMKYLLDNLT FNSIYALI QHYREHLRCAEFELR
LTDVPNPNPHESKPWYYDSL SRGEAEDMLMRIPRDGAFLIRKREGTNSYAITFRARGKVKHCRINRDGR
HFVLGTSAYFESLVELVSYYEKHALYRKMRLRYPVTPPELLERYNMERDINSLYDVSRMYVDPSEINPSMP
QRTVKALYDYKAKRDELTFRCGALIHNVSKEPGGWWKGDYGTRIQQYFSPNYVEDISAGDAEEMEKQII
EDNPLGSLCKGILD LNTYNVVKAPQGKNQKAFVFILEPKKQGDPPVEFATDRVEELFEWFQSIREITWKM
DTKENNMKYWERNQSI AIELSDLVYCKPTS KTKDHLENPDFREIRSFVETKADSIVRQKPVDLLRYNQK
GLTRVYPKGQRVDSSNYDPFRLWL CGSQMVALNFQTPDKYMQMNHALFSLNGRTGYVLQPESMRSEKYDP
MPLESQRKILMTLTVKVLGARHLPKLGRSIACPFVEVEICGAEYDSNKFKTTVNDNGLSPWWAPTQEKV
TFEYDPNLAFLRFVVEEDMFSDPNFLAHATYPIKGIKSGFRSVPLKNGYSEDIELASLLVFCEMRPVL
ESEEELYSSCRQLRRRQEELNNQLFLYDTHQNLRGANRDALVKEFNVNENQLQLYQEKCNRRRLREKRVS
SRFYS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	147.6 kDa



[View online »](#)

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
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_758489
Locus ID:	234779
UniProt ID:	Q8CIH5
RefSeq Size:	4345
Cytogenetics:	8 64.26 cM
RefSeq ORF:	3798
Synonyms:	PLC-gamma-2; Plcg-2; PLCgamma2
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. It is a crucial enzyme in transmembrane signaling (By similarity).[UniProtKB/Swiss-Prot Function]