

Product datasheet for TP510336

Dgka (NM_016811) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse diacylglycerol kinase, alpha (Dgka), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210336 representing NM_016811 Red=Cloning site Green=Tags(s) MAKEKGLISPEDFAQLQKYIEYSTKRVSVDLKVFDGEMNRFQGDGDAIGYLGFEQFMKMYLEMEEVPHHL CWALFWSFHTSQVAAEKTSKANVICLSDVYCYFTLLEGGRPEDKLEFTFKLYDMDRNGILDSTEVEKII LQMMRVAEYLDWDVSELRPILQEMMREMDQDGSVSLDEWVRAGATTVPLLVLGMDVTMKDDGNHIWR PKRFRTRLVYCNLCEQSISLGKQGLSCNFCKYIVHDHCAMKAQPCEVSTYAKSRKDIGVQSHLWVRGGCHS GRCDRQCQKKIRTYHSLTGLHCVWCHLEIHDDCLQAVGPECDCGLLRDHILPPCSIYPSVLVSGQECHKHT TDDTSLCTPEAFRIEVSNTHPLLVFINLKSQGGKQGGQSVLWKFQYILNPRQVFDLKDGPPEGLRFFKDVP QFRILVCGGDGTVGWVLETIDKANFATVPPVAVLPLGTGNDLARCLRWGRGYEGENLRKILKDIELSKVV YLDRLFLEVIPQQNGEKSDPVPSQIINNYFSIGVDASIAHRFHLMREKYPEKFNSRMKNKLWYFEFATSE SIFSTCKLEESVTVEICGKLLDLSLSEGI AVLNIPSTHGGSNLWGDTKRPHGDTCEINQALGSAKI ITDPDILKTCVPDMSDKRLEVVGIEGAIEMGQIYTRLKSAGHRLAKCSEITFQTTKTLPMQIDGEPWMQA PCTIKITHKNQMPMLMGPPSNSYNFFGFWS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	82.8 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
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.



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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:	<u>NP_058091</u>
Locus ID:	13139
UniProt ID:	<u>O88673</u>
RefSeq Size:	2842
Cytogenetics:	10 77.14 cM
RefSeq ORF:	2190
Synonyms:	80kDa; AW146112; Dagk1
Summary:	Upon cell stimulation converts the second messenger diacylglycerol into phosphatidate, initiating the resynthesis of phosphatidylinositols and attenuating protein kinase C activity. [UniProtKB/Swiss-Prot Function]