

Product datasheet for TP521923

Pde11a (NM_001081033) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phosphodiesterase 11A (Pde11a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR221923 representing NM_001081033 Red=Cloning site Green=Tags(s)

MAASRLDFGEVETFLDRHPELFDYLMRKGGKQELVDKWLQRHTSGQGASSLRPALAGASSLAQSNAGKSP
GIGGGAGPQGSASHPTPGGGESAGVPLSPSWASGSRGDGSLQRRASQKELRKSFARSKAIHVNRITYDEQ
VTSRAQEPLSSVRRRALLRKASSLPPTTAHILSALLESRVNLPQYPPTAIDYKCHLKKHNERQFFLELVK
DISNDLDTLSYKILIFVCLMVDADRCSLFLVEGAAAGKKTLSKFFDVHAGTPLLPSCSTENSNEVQV
PWGKGIIGYVGEHGETVNIPDAYQDRRFNDEIDKLTGYKTKSLLCPIRNSDGEIIGVAQAINKVPEGAP
FTEDDEKVMQMYLPFCGIAISNAQLFAASRKEYERSRALLEVVNDLFEEQTDLEKIVKKIMHRAQTLLKC
ERCSVLLLEDIESPVVKFTKSFELMSPKCSADAENSFKESVEKSSYSDWLINNSIAELVASTGLPVNVSD
AYQDPRFDAEADQISGFHIRSVLCVPIWNSNHQIIGVAQVLNRLDGKPFDDADQRLFEAFVIFCGLGINN
TIMYDQVKKSWAKQSVALDVLSYHATCSKAQVDFKKAANIPLVSELAIDDIHFDDFSLDAMDAMITAALRM
FMELGMVQKFKIDYETLCRWLLTVRKNYRMVLYHNWRHAFNVCQLMFAMLTTAGFQEILTEVEILAVIVG
CLCHDLDRGTNNAFAQKSDSALAQLYGTSATLEHHHFNHVMILQSEGHNIFANLSSKEYSDLMQLLKQ
SILATDLTYFERREFFELVRKGDYDWSITSHRDVFRSMLMTACDLGAVTKPWEISRQVAELVTSEFFE
QGDRERSELKLTSAIFDRNRKDELPRQLQLEWIDSICMPYQALVKVNAKLPMLDSVAANRRKWEELHQ
KRLQVSAASPDPAASPMVAGEDRL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	105 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



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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_001074502
Locus ID:	241489
UniProt ID:	P0C1Q2
RefSeq Size:	2848
Cytogenetics:	2 C3
RefSeq ORF:	2799
Synonyms:	6330414F14Rik; A630086N24Rik; Gm350; PDE11A1
Summary:	Plays a role in signal transduction by regulating the intracellular concentration of cyclic nucleotides cAMP and cGMP. Catalyzes the hydrolysis of both cAMP and cGMP to 5'-AMP and 5'-GMP, respectively (By similarity).[UniProtKB/Swiss-Prot Function]