

Product datasheet for TP516607

Pde4a (NM_183408) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phosphodiesterase 4A, cAMP specific (Pde4a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR216607 protein sequence Red=Cloning site Green=Tags(s)

MEPPAAPSERLSLSLPGPREGQATLKPPPQHLWRQPRTPIRIQQRGYSDSAERSEPERSPHRPIERADA
VDTGDRPGLRTRMSWPSSFHGTGTGGGSSRRLEAENGPTSPGRSPLDSQASPLMLHAGAATSQRRES
FLYRSDSDYDMSPKTM SRNSSVASEAHGEDLIVTPFAQVLA SLRNVRSNFLLTNVPIPSNKRSP LGGPP
SVCKATLSEETCQQLARETLEELDWCLEQLETMQTYRSVSEMASHKFKRMLNRELTHLSEMSRSGNQVSE
YISNTFLDKQHEVEIPSPTPRQRPFQPPPAAVQQAQPMSQITGLKLVHTGSLNINVPRFGVKTDQEDL
LAQELENLSKWGLNIFCVSEYAGGRSLSCIMYTIQERDLLKKFHIPVDMMTYMLTLEDHYHADVAYHN
SLHAADV LQSTHVLLATPALDAVFTDLEILAALFAAAIHVDVHPGVSNQFLINTNSELALMYNDES VLEN
HHLAVGFKLLQEENC DIFQNL SKRQRQSLRKMVIDMVLATDMSKHMTLLADLKT MVETKKVTSSGVL LLD
NYS DRIQVLRNMVHCADLSNPTKPLELYRQWTD RIMAEFFQ QGDRERERGM EISPMCDKHTASVEKSQVG
FIDYIVHPLWETWADLVHPDAQDILD TLEDNRD WYHSAIRQSPSPTLEEEPGVLS DPALPDKFQFELTLE
EEDEEDSLEVPGLPCTEETLLAPHDTRAQAMEQSKVKGQSPAVVEVAESLKQETASAHGAPEESAEAVGH
SFSLETSILPDLRTLSPSEEAQGLLGLPSMAAEVEAPRDHLAAMRACSACSGTSGDNSAVISAPGRWGSG
GDPA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	93.6 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.



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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_899668
Locus ID:	18577
UniProt ID:	O89084 , B2RTL2 , Q3TUD0
RefSeq Size:	4658
Cytogenetics:	9 7.73 cM
RefSeq ORF:	2535
Synonyms:	D9Ertd60e; Dpde2
Summary:	Hydrolyzes the second messenger cAMP, which is a key regulator of many important physiological processes.[UniProtKB/Swiss-Prot Function]