

Product datasheet for **TP508682**

Pde1a (NM_016744) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phosphodiesterase 1A, calmodulin-dependent (Pde1a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208682 representing NM_016744 Red =Cloning site Green =Tags(s)

MGSTDTDIEELENATYKYLIGEQTEKMWQRLKGILRCLVKQLEKGDVNWDLKKNIEYAASVLEAVYIDE
TRRLDTEDELSDIQTDSVPSEVRDWLASTFTRKMGMMKKKPEEKPKFRSIVHAVQAGIFVERMYRKNYH
MVGLTYPAAVIVTLKEVDKWSFDVFALNEASGEHSLKFMİYELFTRYDLINRFKIPVSCLIAFAEALEV
YSKHKNPYHNLVHAADVTQTVHYIMLHTGIMHWLTELEILAMVFAAAIHDEYHTGTTNNFHIQTRSDVAI
LYNDRSVLENHHVSAAYRLMQEEEMNILVNLSKDDWRDLRNLVIEMVLATDMSGHFQQIKNIRNSLQQPE
GIDRAKTMSLILHAADISHPAKTWKLHYRWTMALMEEFFLQGDKEAELGLPFSPLCDRKSTMVAQSQIGF
IDFIVEPTFSLLDSTEKIVIPLIEEASKSQSSNYGASSSSTMIGFHVADSLRRSNTKGSVCDGSIYAPDY
SLSAVDLKSFKNLVDIIQQNKERWKELAAQGELDLHKNSEELGNTEEKHADTRP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	62.8 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.
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_058024



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Locus ID: 18573

UniProt ID: [Q61481](#)

RefSeq Size: 4309

Cytogenetics: 2 C3

RefSeq ORF: 1635

Synonyms: AI987702; AW125737

Summary: Cyclic nucleotide phosphodiesterase with a dual-specificity for the second messengers cAMP and cGMP, which are key regulators of many important physiological processes. Has a higher affinity for cGMP than for cAMP (By similarity).[UniProtKB/Swiss-Prot Function]