

Product datasheet for **TP501058**

Pde6d (NM_008801) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phosphodiesterase 6D, cGMP-specific, rod, delta (Pde6d), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201058 protein sequence Red =Cloning site Green =Tags(s)
	 MSAKDERARDILRGFKLNWMNLRDAETGKILWQGTEDLSVPGVEHEARVPKILKCKAVSRELNFSAEQ MEKFRLEQKVYFKGQCLEEWFFFGFVIPNSTNTWQSLIEAAPESQMMPASVLTGNVVIETKFFDDDLLV STSKVRLFYV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	17.3 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:	<u>NP_032827</u>
Locus ID:	18582
UniProt ID:	<u>O55057</u> , <u>Q3TDQ8</u>
RefSeq Size:	1109
Cytogenetics:	1 C5



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RefSeq ORF: 453

Synonyms: AI841218; PrBP/delta

Summary: Promotes the release of prenylated target proteins from cellular membranes (PubMed:22179043). Modulates the activity of prenylated or palmitoylated Ras family members by regulating their subcellular location (PubMed:22179043). Required for normal ciliary targeting of farnesylated target proteins, such as INPP5E (By similarity). Modulates the subcellular location of target proteins by acting as a GTP specific dissociation inhibitor (GDI) (PubMed:22179043). Increases the affinity of ARL3 for GTP by several orders of magnitude. Stabilizes ARL3-GTP by decreasing the nucleotide dissociation rate.[UniProtKB/Swiss-Prot Function]