

Recombinant Mouse Pde6d Protein, Myc/DDK-tagged

Cat. No. Pde6d-4749M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length phosphodiesterase 6D, cGMP-specific, rod, delta (Pde6d), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Promotes the release of prenylated target proteins from cellular membranes Modulates the activity of prenylated or palmitoylated Ras family members by regulating their subcellular location Required for normal ciliary targeting of farnesylated target proteins, such as INPP5E. Modulates the subcellular location of target proteins by acting as a GTP specific dissociation inhibitor (GDI) Increases the affinity of ARL3 for GTP by several orders of magnitude. Stabilizes ARL3-GTP by decreasing the nucleotide dissociation rate.
Molecular Mass	17.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Pde6d phosphodiesterase 6D, cGMP-specific, rod, delta [Mus musculus (house mouse)]

Official Symbol Pde6d

Synonyms PDE6D; phosphodiesterase 6D, cGMP-specific, rod, delta; retinal rod rhodopsin-sensitive cGMP 3,5-cyclic phosphodiesterase subunit delta; GMP-PDE delta; AI841218; PrBP/delta

Gene ID 18582

mRNA Refseq NM_008801

Protein Refseq NP_032827

UniProt ID O55057

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