

Recombinant Mouse Pde11a Protein, Myc/DDK-tagged

Cat. No. Pde11a-4740M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length phosphodiesterase 11A (Pde11a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	105 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.
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

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Gene Name	Pde11a phosphodiesterase 11A [Mus musculus (house mouse)]
Official Symbol	Pde11a
Synonyms	PDE11A; phosphodiesterase 11A; dual 3,5-cyclic-AMP and -GMP phosphodiesterase 11A; cAMP and cGMP phosphodiesterase 11A; Gm350; PDE11A1; 6330414F14Rik; A630086N24Rik
Gene ID	241489
mRNA Refseq	NM_001081033
Protein Refseq	NP_001074502
UniProt ID	P0C1Q2

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