Recombinant Mouse Pde1a Protein, Myc/DDK-tagged

Cat. No. Pde1a-4742M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length phosphodiesterase 1A, calmodulin-dependent (Pde1a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	62.8 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	Pde1a phosphodiesterase 1A, calmodulin-dependent [Mus musculus (house mouse)]
Official Symbol	Pde1a
Synonyms	PDE1A; phosphodiesterase 1A, calmodulin-dependent; calcium/calmodulin-dependent 3,5-cyclic nucleotide phosphodiesterase 1A; cam-PDE 1A; 61 kDa Cam-PDE; AI987702; AW125737; MGC116577
Gene ID	18573
mRNA Refseq	NM_016744
Protein Refseq	NP_058024
UniProt ID	Q8BRR9

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