Recombinant Mouse Pde4a Protein, Myc/DDK-tagged

Cat. No. Pde4a-4745M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length phosphodiesterase 4A, cAMP specific (Pde4a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Hydrolyzes the second messenger cAMP, which is a key regulator of many important physiological processes.
Molecular Mass	93.6 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	Pde4a phosphodiesterase 4A, cAMP specific [Mus musculus (house mouse)]
Official Symbol	Pde4a
Synonyms	PDE4A; phosphodiesterase 4A, cAMP specific; cAMP-specific 3,5-cyclic phosphodiesterase 4A; dunce; cAMP-specific phosphodiesterase PDE4A; cyclic AMP specific phosphodiesterase PDE4A5A; Dpde2; D9Ertd60e
Gene ID	18577
mRNA Refseq	NM_183408
Protein Refseq	NP_899668
UniProt ID	O89084

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