

Recombinant Mouse Pde6h Protein, Myc/DDK-tagged

Cat. No. Pde6h-4751M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length phosphodiesterase 6H, cGMP-specific, cone, gamma (Pde6h), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Participates in processes of transmission and amplification of the visual signal. cGMP-PDEs are the effector molecules in G-protein-mediated phototransduction in vertebrate rods and cones.
Molecular Mass	9 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.

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GENE INFORMATION

Gene Name	Pde6h phosphodiesterase 6H, cGMP-specific, cone, gamma [Mus musculus (house mouse)]
Official Symbol	Pde6h
Synonyms	Pde6h; phosphodiesterase 6H, cGMP-specific, cone, gamma; PDEga; PDEgamma; A930033D18Rik; retinal cone rhodopsin-sensitive cGMP 3',5'-cyclic phosphodiesterase subunit gamma; GMP-PDE gamma; cone phosphodiesterase 6 gamma; cone-like cGMP-phosphodiesterase 6 gamma subunit type 2; EC 3.1.4.35
Gene ID	78600
mRNA Refseq	NM_023898
Protein Refseq	NP_076387
UniProt ID	P61249

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