Recombinant Mouse Pde6g Protein, Myc/DDK-tagged

Cat. No. Pde6g-4750M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length phosphodiesterase 6G, cGMP-specific, rod, gamma (Pde6g), 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	9.6 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.

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GENE INFORMATION

Gene Name	Pde6g phosphodiesterase 6G, cGMP-specific, rod, gamma [Mus musculus (house mouse)]
Official Symbol	Pde6g
Synonyms	PDE6G; phosphodiesterase 6G, cGMP-specific, rod, gamma; retinal rod rhodopsin-sensitive cGMP 3,5-cyclic phosphodiesterase subunit gamma; GMP-PDE gamma; cGMP phosphodiesterase gamma; rod cyclic-GMP phosphodiesterase 6 gamma splice variant p3; Pdeg; p3AT
Gene ID	18588
mRNA Refseq	NM_012065
Protein Refseq	NP_036197
UniProt ID	P09174

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