Recombinant Human PDE6A protein, GST-tagged

Cat. No. PDE6A-1613 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDE6A (31-end) fussed with GST tag at N-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	31-end
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~120 kDa
Purity	>70 %
Applications	PDE Assay
Stability	1 yr at -70 centigrade from date of shipment
Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1 ug/ul

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Shipping	Product shipped on dry ice

GENE INFORMATION

Gene Name	PDE6A phosphodiesterase 6A, cGMP-specific, rod, alpha [Homo sapiens]
Official Symbol	PDE6A
Synonyms	PDE6A; phosphodiesterase 6A, cGMP-specific, rod, alpha; PDEA; rod cGMP-specific 3,5-cyclic phosphodiesterase subunit alpha; PDE V-B1; GMP-PDE alpha; cGMP phosphodiesterase alpha subunit; rod photoreceptor cGMP phosphodiesterase alpha subunit; RP43; CGPR-A;
Gene ID	5145
mRNA Refseq	NM_000440
Protein Refseq	NP_000431
MIM	180071
UniProt ID	P16499
Chromosome Location	5q31.2-q34
Pathway	Hemostasis, organism-specific biosystem; Nitric oxide stimulates guanylate cyclase, organism-specific biosystem; Phototransduction, organism-specific biosystem; Phototransduction, conserved biosystem; Platelet homeostasis, organism-specific biosystem; Purine metabolism, organism-specific biosystem; Purine metabolism, conserved biosystem;

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Function	3,5-cyclic-GMP phosphodiesterase activity; hydrolase activity; metal ion binding; phosphoric diester hydrolase activity;

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