

Recombinant Human PDE6B protein, His-tagged

Cat. No. PDE6B-3295H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDE6B protein(198 - 428 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	198 - 428 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	GPFFTSEDEDVFLKYLNFATLYLKIYHLSYLNHCETRRGQVLLWSANKVFEELTDIER QFHKAFYTVRAYLNCERYSVGLLDMTKEKEFFDVWSVLMGESQPYSGPRTPDGREI VFYKVIDYILHGKEEIKVIPTPSADHWALASGLPSYVAESGFICNIMNASADEMFKFQE GALDDSGWLIKNVLSMPIVNKKEEIVGVATFYNRKDGKPFDEQDEVLMESLTQFLG WS
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	PDE6B phosphodiesterase 6B, cGMP-specific, rod, beta [Homo sapiens]
Official Symbol	PDE6B
Synonyms	PDE6B; phosphodiesterase 6B, cGMP-specific, rod, beta; PDEB; rod cGMP-specific 3,5-cyclic phosphodiesterase subunit beta; congenital stationary night blindness 3; autosomal dominant; CSNB3; rd1; RP40; GMP-PDE beta; rod cGMP-phosphodiesterase beta-subunit; CSNBAD2;
Gene ID	5158
mRNA Refseq	NM_000283
Protein Refseq	NP_000274
MIM	180072
UniProt ID	P35913

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