

Recombinant Human PDE6B protein, GST-tagged

Cat. No. PDE6B-150H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDE6B protein(NP_000274)(1-88 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-88 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	MSLSEEQARSFLDQNPDFARQYFGKKLSPENVAAACEDGCPPDCDSLRLDLCQVEE STALLELVQDMQESINMERVVFKVLRRLCTLLQ
Purity	95%, 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.
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

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storage (see Stability and Storage for more details).

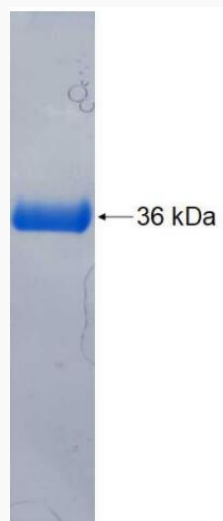
GENE INFORMATION

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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SDS-PAGE

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