Recombinant Human PDE6B protein, His-tagged

Cat. No. PDE6B-151H **Lot. No.** (See product label)

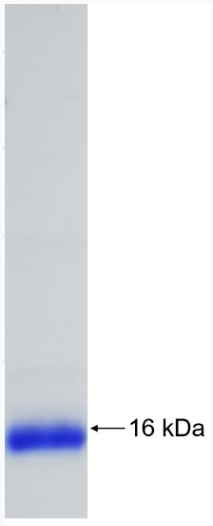
SPECIFICATION

Product Overview	Recombinant Human PDE6B protein(1-88 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-88 aa
Form	The purified protein was lyophilized from a sterile phosphate-buffered saline (PBS) solution, composed of 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, and 68 mM NaCl, adjusted to pH 7.4. Prior to lyophilization, 5% trehalose and 5% mannitol were added as stabilizing agents to protect the protein during the process. The protein was initially eluted using a buffer containing 300 mM imidazole.
Storage	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
AA Sequence	MSLSEEQARSFLDQNPDFARQYFGKKLSPENVAAACEDGCPPDCDSLRDLCQVEE STALLELVQDMQESINMERVVFKVLRRLCTLLQ
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

GENE INFORMATION

Official Symbol	PDE6B

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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
SDS-PAGE	

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