Recombinant Human PDE6D protein, GST-tagged

Cat. No. PDE6D-301347H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDE6D (1-150 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Val150
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MSAKDERAREILRGFKLNWMNLRDAETGKILWQGTEDLSVPGVEHEARVPKKILKC KAVSRELNFSSTEQMEKFRLEQKVYFKGQCLEEWFFEFGFVIPNSTNTWQSLIEAAP ESQMMPASVLTGNVIIETKFFDDDLLVSTSRVRLFYV
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
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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GENE INFORMATION

Gene Name	PDE6D phosphodiesterase 6D, cGMP-specific, rod, delta [Homo sapiens]
Official Symbol	PDE6D
Synonyms	PDE6D; phosphodiesterase 6D, cGMP-specific, rod, delta; retinal rod rhodopsin-sensitive cGMP 3,5-cyclic phosphodiesterase subunit delta; protein p17; GMP-PDE delta; PDED;
Gene ID	5147
mRNA Refseq	NM_002601
Protein Refseq	NP_002592
MIM	602676
UniProt ID	O43924

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