

Recombinant Human PDE3B protein, His-tagged

Cat. No. PDE3B-3492H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDE3B protein(321-670 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	321-670 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	CISREQMILWDWDLKQWYKPHYQNSGGGNGVDLSVLNEARNMVSDLLTDPSLPPQ VISSLRSISSLMGAFSGSCRPKINPLTPFPGFYPCSEIEDPAEKGDRKLNKGLNRNSL PTPQLRRSSGTSGLLPVEQSSRWDRNNGKRPHQEFGISSQGCYLNPFNSNLLTIP KQRSSSVSLTHHVGLRRAGVLSSLSPVNSSNHGPVSTGSLTNRSPIEFPDTADFLNK PSVILQRS LGNAPNTPDFYQQLRNSDSNLCNSCGHQMLKYVSTSESDGTDCCSGK SGEEENIFSKEF KLMETQQEEETEKKDSRKL FQEGDKWLTEEAQSEQQTNIEQEV SLDLILVEEYDSL
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

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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 storage.

GENE INFORMATION

Gene Name

PDE3B phosphodiesterase 3B, cGMP-inhibited [Homo sapiens]

Official Symbol

PDE3B

Synonyms

PDE3B; phosphodiesterase 3B, cGMP-inhibited; cGMP-inhibited 3,5-cyclic phosphodiesterase B; HcGIP1; CGIP1; CGI-PDE B; cyclic nucleotide phosphodiesterase; cyclic GMP-inhibited phosphodiesterase B; cGIPDE1;

Gene ID

5140

mRNA Refseq

NM_000922

Protein Refseq

NP_000913

MIM

602047

UniProt ID

Q13370

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