Recombinant Human PDE7B, His-tagged

Cat. No. PDE7B-1607H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDE7B protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-450aa
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	PDE7B phosphodiesterase 7B [Homo sapiens]
Official Symbol	PDE7B
Synonyms	PDE7B; phosphodiesterase 7B; cAMP-specific 3,5-cyclic phosphodiesterase 7B; rolipram-insensitive phosphodiesterase type 7; high-affinity cAMP-specific 3,5-cyclic phosphodiesterase; bA472E5.1; MGC88256;

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Gene ID	27115
mRNA Refseq	NM_018945
Protein Refseq	NP_061818
MIM	604645
UniProt ID	Q9NP56
Chromosome Location	6q23-q24
Pathway	G Protein Signaling Pathways, organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; Morphine addiction, organism-specific biosystem; Morphine addiction, conserved biosystem; Purine metabolism, organism-specific biosystem; Purine metabolism, conserved biosystem;
Function	3,5-cyclic-AMP phosphodiesterase activity; 3,5-cyclic-nucleotide phosphodiesterase activity; hydrolase activity; metal ion binding; phosphoric diester hydrolase activity;

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