Recombinant Human PDE7A, GST-tagged

Cat. No. PDE7A-1606H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDE7A protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-106aa
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 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	PDE7A phosphodiesterase 7A [Homo sapiens]
Official Symbol	PDE7A
Synonyms	PDE7A; phosphodiesterase 7A; high affinity cAMP-specific 3,5-cyclic phosphodiesterase 7A; HCP1; TM22; phosphodiesterase isozyme 7; PDE7;
Gene ID	5150

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mRNA Refseq	NM_001242318
Protein Refseq	NP_001229247
MIM	171885
UniProt ID	Q13946
Chromosome Location	8q13
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-AMP phosphodiesterase activity; hydrolase activity; metal ion binding;

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