

Recombinant Human PDE8A, His-tagged

Cat. No. PDE8A-1608H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDE8A protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	530-829aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	PDE8A phosphodiesterase 8A [Homo sapiens]
Official Symbol	PDE8A
Synonyms	PDE8A; phosphodiesterase 8A; high affinity cAMP-specific and IBMX-insensitive 3,5-cyclic phosphodiesterase 8A; HsT19550; cAMP-specific cyclic nucleotide phosphodiesterase 8A; FLJ16150;

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Gene ID	5151
mRNA Refseq	NM_001243137
Protein Refseq	NP_001230066
MIM	602972
UniProt ID	O60658
Chromosome Location	15q25.3
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; two-component response regulator activity;