

Recombinant Human PDE7A, GST-tagged

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

SPECIFICATION

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|-------------------------|---|
| 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°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 100mM GSH and 1% Triton X-100, 15% glycerol. |

GENE INFORMATION

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| 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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