

Recombinant Human PDE3A, His & GST tagged

Cat. No. PDE3A-7332H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDE3A (Q14432) (Lys669-Gln1141), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	669-1141 a.a.
Form	Lyophilized from a 0.2µm filtered solution of 20mM Tris, 500mM NaCl, pH 7.4, 10% gly, 3mM DTT
Molecular Mass	The recombinant human PDE3A /GST chimera consists of 710 amino acids and has a calculated molecular mass of 81.7 kDa. The recombinant protein migrates as an approximately 93 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	PDE3A phosphodiesterase 3A, cGMP-inhibited [Homo sapiens]
Official Symbol	PDE3A
Gene ID	5139
mRNA Refseq	NM_000921
Protein Refseq	NP_000912
MIM	123805
UniProt ID	Q14432

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