

Recombinant Human PDE4B, His & GST tagged

Cat. No. PDE4B-1534H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDE4B (NP_001032416.1) (Met 1-Thr 564), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	1-564 a.a.
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, 0.5mM GSH, 10% gly, 0.5mM PMSF, pH 8.0
Molecular Mass	The recombinant human PDE4B/GST chimera consists of 801 amino acids and has a calculated molecular mass of 92.2 kDa. It migrates as an approximately 100 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	PDE4B phosphodiesterase 4B, cAMP-specific [Homo sapiens]
Official Symbol	PDE4B
Gene ID	5142
mRNA Refseq	NM_001037339
Protein Refseq	NP_001032416
MIM	600127
UniProt ID	Q07343

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