

Recombinant Human PDE4B protein, His & GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human PDE4B protein(NP_001032416.1) (Met 1-Thr 564) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-564 aa
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.
Purity	> 80 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION
Gene Name

PDE4B phosphodiesterase 4B, cAMP-specific [Homo sapiens]

Official Symbol

PDE4B

Synonyms

PDE4B; phosphodiesterase 4B, cAMP-specific; DPDE4, phosphodiesterase 4B, cAMP specific (dunce (Drosophila) homolog phosphodiesterase E4), phosphodiesterase 4B, cAMP specific (phosphodiesterase E4 dunce homolog, Drosophila); cAMP-specific 3,5-cyclic phosphodiesterase 4B; phosphodiesterase E4 dunce homolog (Drosophila); PDE32; dunce-like phosphodiesterase E4; cAMP-specific phosphodiesterase-4 B isoform; phosphodiesterase 4B, cAMP-specific (phosphodiesterase E4 dunce homolog, Drosophila); DPDE4; PDE4B5; PDEIVB; MGC126529; DKFZp686F2182;

Gene ID

5142

mRNA Refseq

NM_001037339

Protein Refseq

NP_001032416

MIM

600127

UniProt ID

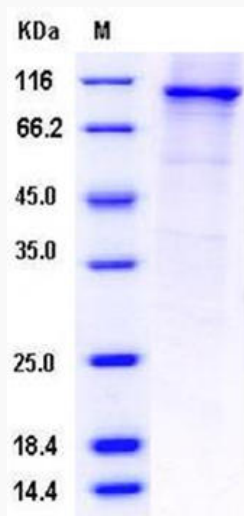
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SDS-PAGE



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