# Recombinant Human PDE4B protein, His & GST-tagged

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

## SPECIFICATION

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| **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. |

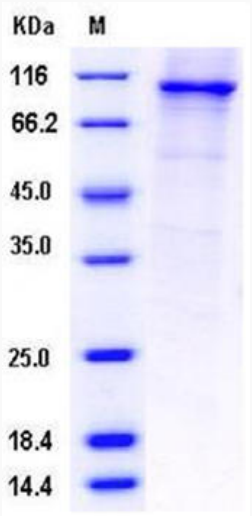
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| **Reconstitution** | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents. |

## GENE INFORMATION

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| **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** | Q07343 |

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| **SDS-PAGE** |  |



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