

Recombinant Human PDE1B protein, His&GST-tagged

Cat. No. PDE1B-1164H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDE1B protein(Q01064-1) (Met 1-Asp 536) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-536 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.0.
Molecular Mass	The recombinant human PDE1B/GST chimera consists of 773 amino acids and has a calculated molecular mass of 89.2 kDa. It migrates as an approximately 75 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 94 % 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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

 Tel: 1-631-559-9269 1-516-512-3133

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

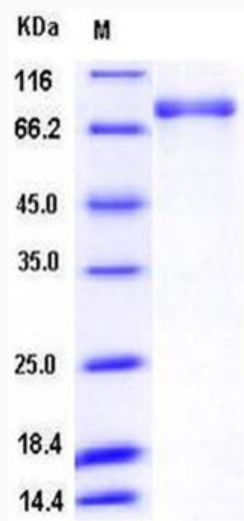
Gene Name	PDE1B phosphodiesterase 1B, calmodulin-dependent [Homo sapiens]
Official Symbol	PDE1B
Synonyms	PDE1B; phosphodiesterase 1B, calmodulin-dependent; PDES1B; calcium/calmodulin-dependent 3,5-cyclic nucleotide phosphodiesterase 1B; cam-PDE 1B; 63 kDa Cam-PDE; calmodulin-stimulated phosphodiesterase PDE1B1; calcium/calmodulin-stimulated cyclic nucleotide phosphodiesterase; presumed 63kDa form of the type 1 cyclic nucleotide phosphodiesterase family known as PDE1B; PDE1B1;
Gene ID	5153
mRNA Refseq	NM_000924
Protein Refseq	NP_000915
MIM	171891
UniProt ID	Q01064

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SDS-PAGE



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