

Recombinant Human PDE1C protein(Met1-Glu634), His&GST-tagged

Cat. No. PDE1C-7362H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDE1C (Q8TAE4) (Met1-Glu634) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Glu634
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly, 3mM DTT Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human PDE1C /GST chimera consists of 871 amino acids and has a calculated molecular mass of 100 kDa. The recombinant protein migrates as an approximately 97 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted 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 PDE1C phosphodiesterase 1C, calmodulin-dependent 70kDa [Homo sapiens]

Official Symbol PDE1C

Synonyms PDE1C; phosphodiesterase 1C, calmodulin-dependent 70kDa; phosphodiesterase 1C, calmodulin dependent (70kD); calcium/calmodulin-dependent 3,5-cyclic nucleotide phosphodiesterase 1C; Hcam3; hCam-3; cam-PDE 1C; Human 3,5 cyclic nucleotide phosphodiesterase (HSPDE1C1A);

Gene ID 5137

mRNA Refseq NM_001191056

Protein Refseq NP_001177985

MIM 602987

UniProt ID Q14123

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