

Recombinant Human PDE9A protein, His & GST-tagged

Cat. No. PDE9A-1163H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDE9A protein(O76083-2) (Met 1-Ala 533) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-533 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 5mM GSH, pH 7.4, 10% gly.
Molecular Mass	The recombinant human PDE9A consisting of 770 amino acids and has a calculated molecular mass of 89.5 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	> 90 % 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

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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 PDE9A phosphodiesterase 9A [Homo sapiens]

Official Symbol PDE9A

Synonyms PDE9A; phosphodiesterase 9A; high affinity cGMP-specific 3,5-cyclic phosphodiesterase 9A; phosphodiesterase PDE9A21; CGMP-specific 3,5-cyclic phosphodiesterase type 9; HSPDE9A2; FLJ90181;

Gene ID 5152

mRNA Refseq NM_001001567

Protein Refseq NP_001001567

MIM 602973

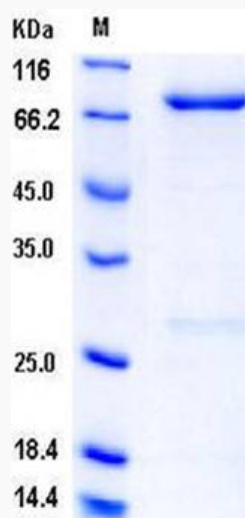
UniProt ID O76083

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SDS-PAGE



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