

Recombinant Human PDE9A protein, His-tagged

Cat. No. PDE9A-1162H Lot. No. (See product label)

SPECIFICATION

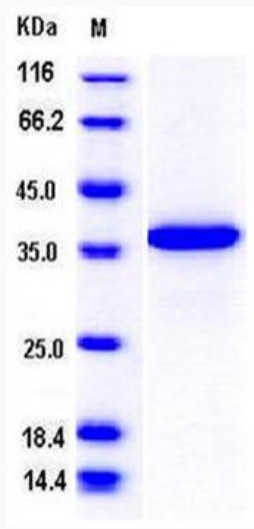
Product Overview	Recombinant Human PDE9A protein(O76083-2)(Pro 181-Lys 506) was expressed in E.coli, with a polyhistide tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	181-506 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human PDE9A consisting of 337 amino acids and has a calculated molecular mass of 40 kDa. It migrates as an approximately 37 kDa band in SDS-PAGE under reducing conditions.
Purity	> 95 % 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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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
SDS-PAGE	 The SDS-PAGE gel image displays molecular weight markers on the left and a single protein band on the right. The markers are labeled with their respective molecular weights in kDa: 116, 66.2, 45.0, 35.0, 25.0, 18.4, and 14.4. The protein band is located between the 35.0 and 45.0 kDa markers, appearing slightly above the 35.0 kDa marker.