

Recombinant Human PDE2A protein, His-tagged

Cat. No. PDE2A-906H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDE2A protein(Glu 215-His 900)(O00408-1) was expressed in Insect Cells, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	Insect Cells
ProteinLength	215-900 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly.
Molecular Mass	The recombinant human PDE2A consists of 706 amino acids and predicts a molecular mass of 80.0 kDa. It migrates as an approximately 66 kDa band in SDS-PAGE 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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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

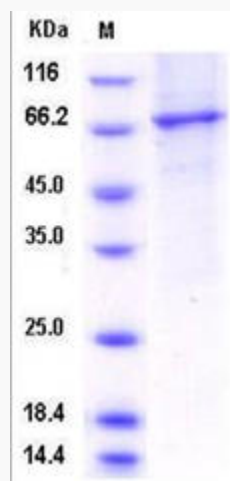
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

GENE INFORMATION

Gene Name	PDE2A phosphodiesterase 2A, cGMP-stimulated [Homo sapiens]
Official Symbol	PDE2A
Synonyms	PDE2A; phosphodiesterase 2A, cGMP-stimulated; cGMP-dependent 3,5-cyclic phosphodiesterase; cGMP-stimulated phosphodiesterase 1; cGMP-stimulated phosphodiesterase 4; cyclic GMP-stimulated phosphodiesterase; PDE2A1; PED2A4; cGSPDE; CGS-PDE;
Gene ID	5138
mRNA Refseq	NM_001143839
Protein Refseq	NP_001137311
MIM	602658
UniProt ID	O00408

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SDS-PAGE

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