Recombinant Human PDE2A Protein, His-tagged

Cat. No. PDE4B-146H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human C-terminal His-tagged PDE2A protein (215-900) was expressed in insect cells.
Species	Human
Source	Insect Cells
ProteinLength	215-900
Description	Cyclic nucleotide phosphodiesterase with a dual-specificity for the second messengers cAMP and cGMP, which are key regulators of many important physiological processes. Plays an important role in growth and invasion of malignant melanoma cells.
Form	Lyophilized
Molecular Mass	80 kDa
Endotoxin	<1.0 EU/μg, determined by the LAL endotoxin assay
Purity	≥90% estimated by SDS-PAGE
Stability	≥ 9 months
Storage	At -80 centigrade.

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

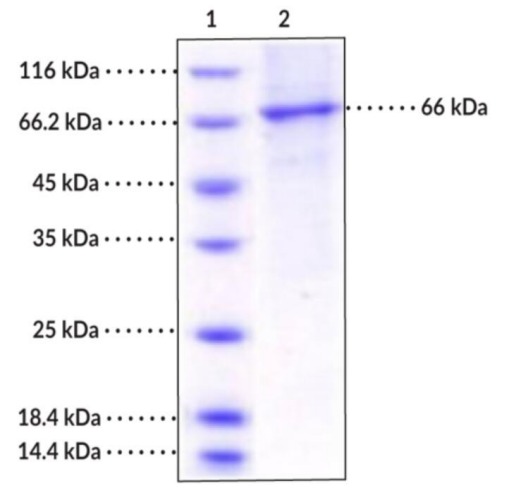
Storage Buffer	Lyophilized from sterile 20mM Tris, pH 7.4, with 500 mM sodium chloride and 10% glycol

GENE INFORMATION

Gene Name	PDE2A phosphodiesterase 2A [Homo sapiens (human)]
Official Symbol	PDE2A
Synonyms	PDE2A; phosphodiesterase 2A; PDE2A1; PED2A4; cGSPDE; CGS-PDE; IDDPADS; cGMP-dependent 3',5'-cyclic phosphodiesterase; cGMP-stimulated phosphodiesterase 1; cGMP-stimulated phosphodiesterase 2; cGMP-stimulated phosphodiesterase 4; cyclic GMP-stimulated phosphodiesterase; phosphodiesterase 2A, cGMP-stimulated; EC 3.1.4.17
Gene ID	5138
mRNA Refseq	NM_002599
Protein Refseq	NP_002590
MIM	602658
UniProt ID	O00408

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SDS-PAGE Analysis of SOD2



Lane 1: MW Markers

Lane 2: PDE2A (human, recombinant; aa 215-900)

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