

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.

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 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

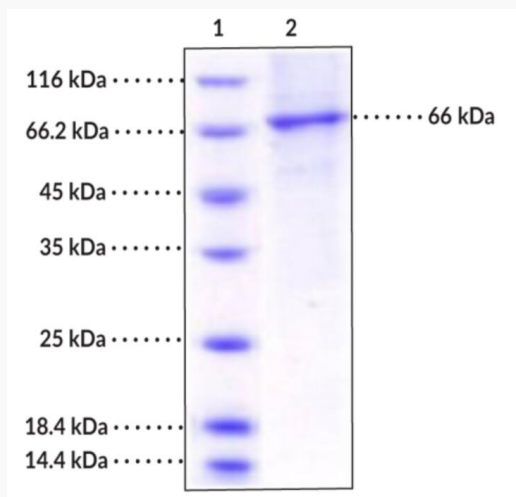
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SDS-PAGE Analysis of SOD2



Lane 1: MW Markers

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

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