Recombinant Human PDE2A Protein (G2-E941), Tag Free

Cat. No. PDE2A-0335H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GG-PDE2A3 (human)(G2-E941 end) Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	G2-E941
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 (e.g. pseudomyxoma peritonei (PMP) cell line).
Form	Liquid
Endotoxin	< 0.01 EU per μg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	PDE2A phosphodiesterase 2A, cGMP-stimulated [Homo sapiens (human)]
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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