

Recombinant Human PDE4B Protein (S324-G691), Tag Free

Cat. No. PDE4B-0558H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDE4B (S324-G691) Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	S324-G691
Description	Hydrolyzes the second messenger cAMP, which is a key regulator of many important physiological processes. May be involved in mediating central nervous system effects of therapeutic agents ranging from antidepressants to antiasthmatic and anti-inflammatory agents.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	95%
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	PDE4B phosphodiesterase 4B, cAMP-specific [Homo sapiens (human)]
Official Symbol	PDE4B
Synonyms	PDE4B; phosphodiesterase 4B, cAMP-specific; DPDE4, phosphodiesterase 4B, cAMP specific (dunce (Drosophila) homolog phosphodiesterase E4), phosphodiesterase 4B, cAMP specific (phosphodiesterase E4 dunce homolog, Drosophila); cAMP-specific 3,5-cyclic phosphodiesterase 4B; phosphodiesterase E4 dunce homolog (Drosophila); PDE32; dunce-like phosphodiesterase E4; cAMP-specific phosphodiesterase-4 B isoform; phosphodiesterase 4B, cAMP-specific (phosphodiesterase E4 dunce homolog, Drosophila); DPDE4; PDE4B5; PDEIVB; MGC126529; DKFZp686F2182;
Gene ID	5142
mRNA Refseq	NM_001037339
Protein Refseq	NP_001032416
MIM	600127
UniProt ID	Q07343

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