

## Recombinant Human PDE4B Protein (S324-G691), His tagged

Cat. No. PDE4B-0559H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human His-TEV-PDE4B(S324-G691) Protein was expressed in Insect cell.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	S324-G691
<b>Description</b>	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.
<b>Form</b>	Liquid
<b>Endotoxin</b>	< 0.01 EU per µg of the protein
<b>Purity</b>	95%
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
<b>Storage</b>	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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<b>Storage Buffer</b>	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
<b>Shipping</b>	It is shipped out with blue ice.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	PDE4B phosphodiesterase 4B, cAMP-specific [ Homo sapiens (human) ]
<b>Official Symbol</b>	PDE4B
<b>Synonyms</b>	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;
<b>Gene ID</b>	5142
<b>mRNA Refseq</b>	NM_001037339
<b>Protein Refseq</b>	NP_001032416
<b>MIM</b>	600127
<b>UniProt ID</b>	Q07343

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