

## Recombinant Human PDE4B Protein, MYC/DDK-tagged

Cat. No. PDE4B-743H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human PDE4B protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>This gene is a member of the type IV, cyclic AMP (cAMP)-specific, cyclic nucleotide phosphodiesterase (PDE) family. The encoded protein regulates the cellular concentrations of cyclic nucleotides and thereby play a role in signal transduction. Altered activity of this protein has been associated with schizophrenia and bipolar affective disorder. Alternative splicing and the use of alternative promoters results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2014]</p>
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
<b>Molecular Mass</b>	83.2 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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<b>Gene Name</b>	phosphodiesterase 4B[ Homo sapiens ]
<b>Official Symbol</b>	PDE4B
<b>Synonyms</b>	DPDE4; PDE4B5; PDEIVB
<b>Gene ID</b>	5142
<b>mRNA Refseq</b>	NM_001037339.1
<b>Protein Refseq</b>	NP_001032418
<b>MIM</b>	600127
<b>UniProt ID</b>	Q07343

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