

Recombinant Human PDE4B Protein, MYC/DDK-tagged

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

SPECIFICATION

Product Overview	Recombinant human PDE4B protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	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]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	83.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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

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