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PDE4B Protein (Transcript Variant A) (Myc-DYKDDDDK Tag)



Image



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Iverview	
uantity:	20 μg
arget:	PDE4B
rotein Characteristics:	Transcript Variant A
rigin:	Human
ource:	HEK-293 Cells
rotein Type:	Recombinant
urification tag / Conjugate:	This PDE4B protein is labelled with Myc-DYKDDDDK Tag.
pplication:	Antibody Production (AbP), Standard (STD)
roduct Details	
haracteristics:	 Recombinant human PDE4B (transcript variant a) protein expressed in HEK293 cells. Produced with end-sequenced ORF clone
urity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
arget Details	
arget:	PDE4B
Iternative Name:	Pde4b (PDE4B Products)
	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
-	phosphodiesterase (PDE) family. The encoded protein regulates the cellular concequion cyclic nucleotides and thereby play a role in signal transduction. Altered activity of

Target Details

	the use of alternative promoters results in multiple transcript variants encoding different isoforms.
Molecular Weight:	83.2 kDa
NCBI Accession:	NP_002591
Pathways:	Cellular Response to Molecule of Bacterial Origin, cAMP Metabolic Process, Myometrial Relaxation and Contraction

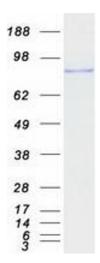
Application Details

Application Notes:	Recombinant human proteins can be used for:	
	Native antigens for optimized antibody production	
	Positive controls in ELISA and other antibody assays	
Comment:	The tag is located at the C-terminal.	
Restrictions:	For Research Use only	

Handling

Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot