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PDE11A Protein (Transcript Variant 4) (Myc-DYKDDDDK Tag)



Image

Alternative Name:

Background:



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Overview	
Quantity:	20 μg
Target:	PDE11A
Protein Characteristics:	Transcript Variant 4
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDE11A protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human PDE11A (transcript variant 4) protein expressed in HEK293 cells. Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	PDE11A

The 3',5'-cyclic nucleotides cAMP and cGMP function as second messengers in a wide variety

of signal transduction pathways. 3',5'-cyclic nucleotide phosphodiesterases (PDEs) catalyze the

mechanism to downregulate cAMP and cGMP signaling. This gene encodes a member of the

hydrolysis of cAMP and cGMP to the corresponding 5'-monophosphates and provide a

Pde11a (PDE11A Products)

Target Details

	PDE protein superfamily. Mutations in this gene are a cause of Cushing disease and adrenocortical hyperplasia. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Weight:	104.6 kDa
NCBI Accession:	NP_058649
Pathways:	cAMP Metabolic Process

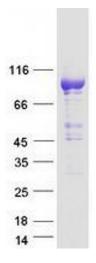
Application Details

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