Recombinant Human PDE1B Protein, MYC/DDK-tagged

Cat. No. PDE1B-745H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PDE1B protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene belongs to the cyclic nucleotide phosphodiesterase (PDE) family, and PDE1 subfamily. Members of the PDE1 family are calmodulin-dependent PDEs that are stimulated by a calcium-calmodulin complex. This PDE has dual-specificity for the second messengers, cAMP and cGMP, with a preference for cGMP as a substrate. cAMP and cGMP function as key regulators of many important physiological processes. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.[provided by RefSeq, Jul 2011]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	61.2 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 1B[Homo sapiens]
Official Symbol	PDE1B
Synonyms	PDE1B1; PDES1B
Gene ID	5153
mRNA Refseq	NM_000924.3
Protein Refseq	NP_000915
MIM	171891
UniProt ID	Q01064

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