

Recombinant Human PANK1, MYC/DDK-tagged

Cat. No. PANK1-32H Lot. No. (See product label)


SPECIFICATION

Product Overview	Recombinant protein of human pantothenate kinase 1 (PANK1), transcript variant alpha, was expressed in HEK293 cells with C-terminal MYC/DDK.
Species	Human
Source	HEK293
Description	This gene encodes a member of the pantothenate kinase family. Pantothenate kinases are key regulatory enzymes in the biosynthesis of coenzyme A (CoA). The encoded protein catalyzes the first and rate-limiting enzymatic reaction in CoA biosynthesis and is regulated by CoA through feedback inhibition. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. This gene and an intronic miRNA on the same strand are co-regulated by the tumor suppressor p53.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	64.2 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	PANK1 pantothenate kinase 1 [Homo sapiens]
Official Symbol	PANK1
Synonyms	PANK1; pantothenate kinase 1; PANK, pantothenate kinase; MGC24596; PANK1a; PANK1b; pantothenic acid kinase 1; PANK
Gene ID	53354
mRNA Refseq	NM_138316
Protein Refseq	NP_683878
MIM	606160
UniProt ID	Q8TE04

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