Recombinant Human PANK4 cell lysate

Cat. No. PANK4-1279HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Description	This gene encodes a protein belonging to the pantothenate kinase family. Pantothenate kinase is a key regulatory enzyme in the biosynthesis of coenzyme A (CoA) in bacteria and mammalian cells. It catalyzes the first committed step in the universal biosynthetic pathway leading to CoA and is itself subject to regulation through feedback inhibition by CoA. This family member is most abundant in muscle but is expressed in all tissues.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	PANK4 pantothenate kinase 4 [Homo sapiens]
Official Symbol	PANK4
Synonyms	PANK4; pantothenate kinase 4; FLJ10782; hPanK4; pantothenic acid kinase 4; DKFZp547M242;

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Gene ID	55229
mRNA Refseq	NM_018216
Protein Refseq	NP_060686
MIM	606162
UniProt ID	Q9NVE7
Chromosome Location	1p36.32
Pathway	Coenzyme A biosynthesis, organism-specific biosystem; Coenzyme A biosynthesis, pantothenate =>CoA, organism-specific biosystem; Coenzyme A biosynthesis, pantothenate => CoA, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem;
Function	ATP binding; nucleotide binding; pantothenate kinase activity; transferase activity;

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