

Recombinant Human PANK3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PANK3-2127H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PANK3 MS Standard C13 and N15-labeled recombinant protein (NP_078870) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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 expressed most abundantly in the liver.
Molecular Mass	41.1 kDa
AA Sequence	MKIKDAKKPSFPWFGMDIGGTLVKLSYFEPIDITAEQQEEVESLKSIRKYLTSNVAY GSTGIRDVHLELKDLTIFGRRGNLHFIRFPTQDLPTFIQMGRDKNFSTLQTVLCATGG GAYKFEKDFRTIGNLHLHLKDELDCLVKGLLYIDSVSFNGQAECYYFANASEPERCQ KMPFNLDPPYLLVNVNIGSGVSILAVHSDKNYKRVTGTSLGGGTFLGLCSLLTGCE FEEALEMASKGDSTQADKLVRDIYGGDYERFGLPGWAVASSFGNMIYKEKRESVSK EDLARATLVTTNNIGSVARMCVNEKINRVFVGNFLRVNTLSMKLLAYALDYWSK GQLKALFLEHEGYFGAVGALLGLPNFSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

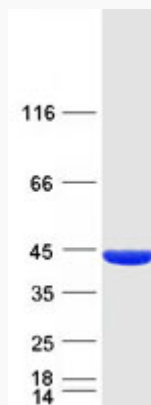
Gene Name	PANK3 pantothenate kinase 3 [Homo sapiens (human)]
Official Symbol	PANK3
Synonyms	PANK3; pantothenate kinase 3; FLJ12899; hPanK3; pantothenic acid kinase 3; MGC16863; DKFZp686O22247;
Gene ID	79646
mRNA Refseq	NM_024594
Protein Refseq	NP_078870
MIM	606161
UniProt ID	Q9H999

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SDS-PAGE



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