

Recombinant Human PANK4 Protein, His-tagged

Cat. No. PANK4-315H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PANK4(Glu639~Glu773) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Glu639~Glu773
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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	18.3kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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If bio-activity of the protein is needed, please check active protein.

Stability

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in PBS or others.

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;

Gene ID

55229

mRNA Refseq

NM_018216

Protein Refseq

NP_060686

MIM

606162

UniProt ID

Q9NVE7

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