

## Recombinant Human PANK4 Protein, His-tagged

PANK4-315H Human

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.

**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.

**Source** E. coli

**Species** Human

**Tag** His

**Form** PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

**Molecular Mass** 18.3kDa

**Protein length** Glu639~Glu773

**Endotoxin** <1.0EU per 1µg (determined by the LAL method)

**Purity** >95%

**Applications** Positive Control; Immunogen; SDS-PAGE; WB.  
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;

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<b>Gene ID</b>	<a href="#">55229</a>
<b>mRNA Refseq</b>	<a href="#">NM_018216</a>
<b>Protein Refseq</b>	<a href="#">NP_060686</a>
<b>MIM</b>	<a href="#">606162</a>
<b>UniProt ID</b>	<a href="#">Q9NVE7</a>

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