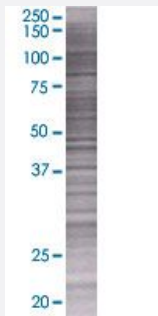


PANK3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00079646-T01

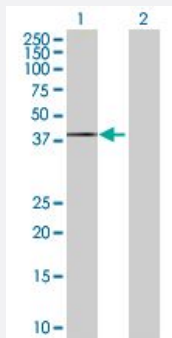
Size 100 uL

Applications



SDS-PAGE Gel

PANK3 transfected lysate.



Western Blot

Lane 1: PANK3 transfected lysate (40.81 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PANK3 full-length
Host	Human
Theoretical MW (kDa)	40.81
Interspecies Antigen Sequence	Mouse (99); Rat (99)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PANK3 antibody ([H00079646-B01](#)) by Western Blots.
SDS-PAGE Gel
PANK3 transfected lysate.
Western Blot
Lane 1: PANK3 transfected lysate (40.81 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — PANK3

Entrez GeneID

[79646](#)

GeneBank Accession#

[NM_024594.2](#)

Protein Accession#

[NP_078870.1](#)

Gene Name

PANK3

Gene Alias

FLJ12899, MGC16863

Gene Description

pantothenate kinase 3

Omim ID

[606161](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations

pantothenic acid kinase

Pathway

- [Metabolic pathways](#)
- [Pantothenate and CoA biosynthesis](#)