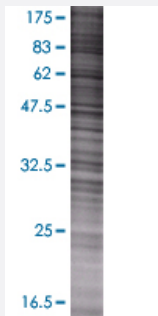


PDXK 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00008566-T01

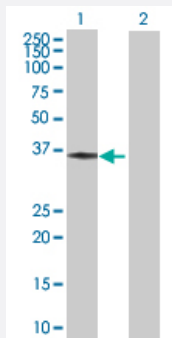
Size 100 uL

Applications



SDS-PAGE Gel

PDXK transfected lysate.



Western Blot

Lane 1: PDXK transfected lysate (34.43 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PDXK full-length
Host	Human
Theoretical MW (kDa)	34.43
Interspecies Antigen Sequence	Mouse (86); Rat (85)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PDXK antibody ([H00008566-B01](#)) by Western Blots.
 SDS-PAGE Gel
 PDXK transfected lysate.
 Western Blot
 Lane 1: PDXK transfected lysate (34.43 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 — PDXK

Entrez GeneID

[8566](#)

GeneBank Accession#

[NM_003681.3](#)

Protein Accession#

[NP_003672.1](#)

Gene Name

PDXK

Gene Alias

C21orf124, C21orf97, DKFZp566A071, FLJ31940, FLJ37311, MGC15873, MGC31754, MGC52346, PKH, PNK, PRED79

Gene Description

pyridoxal (pyridoxine, vitamin B6) kinase

Omim ID

[179020](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene phosphorylates vitamin B6, a step required for the conversion of vitamin B6 to pyridoxal-5-phosphate, an important cofactor in intermediary metabolism. The encoded protein is cytoplasmic and probably acts as a homodimer. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq]

Other Designations

pyridoxal kinase|pyridoxamine kinase|pyridoxine kinase|vitamin B6 kinase

Pathway

- [Metabolic pathways](#)
- [Vitamin B6 metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Parkinson Disease](#)