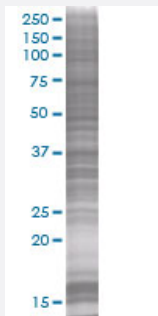


QPRT 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00023475-T01

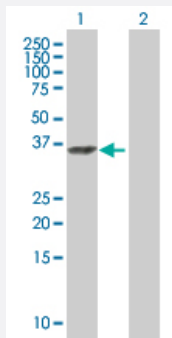
Size 100 uL

Applications



SDS-PAGE Gel

QPRT transfected lysate.



Western Blot

Lane 1: QPRT transfected lysate (32.67 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-QPRT full-length
Host	Human
Theoretical MW (kDa)	32.78
Interspecies Antigen Sequence	Mouse (84); Rat (82)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-QPRT antibody ([H00023475-B02](#)) by Western Blots.
SDS-PAGE Gel
QPRT transfected lysate.
Western Blot
Lane 1: QPRT transfected lysate (32.67 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 — QPRT

Entrez GeneID

[23475](#)

GeneBank Accession#

[BC005060](#)

Protein Accession#

[AAH05060](#)

Gene Name

QPRT

Gene Alias

QPRTase

Gene Description

quinolinate phosphoribosyltransferase

Omim ID

[606248](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a key enzyme in catabolism of quinolinate, an intermediate in the tryptophan-nicotinamide adenine dinucleotide pathway. Quinolinate acts as a most potent endogenous excitotoxin to neurons. Elevation of quinolinate levels in the brain has been linked to the pathogenesis of neurodegenerative disorders such as epilepsy, Alzheimer's disease, and Huntington's disease. [provided by RefSeq]

Other Designations

nicotinate-nucleotide pyrophosphorylase (carboxylating)

Pathway

- [Biosynthesis of alkaloids derived from ornithine](#)
- [Metabolic pathways](#)
- [Nicotinate and nicotinamide metabolism](#)