

QPRT 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00023475-T02 Size 100 uL

Applications



SDS-PAGE Gel

QPRT transfected lysate.

Western Blot

Lane 1: QPRT transfected lysate (30.80 KDa) Lane 2: Non-transfected lysate.

Specification	
Transfected Cell Line	293T
Plasmid	pCMV-QPRT full-length
Host	Human
Theoretical MW (kDa)	30.8
Interspecies Antigen Sequence	Mouse (84); Rat (82)



Product Information

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-QPRT antibody (H00023475-B04) by West ern Blots. SDS-PAGE Gel QPRT transfected lysate. Western Blot Lane 1: QPRT transfected lysate (30.80 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% Bro mophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

• Western Blot

Gene Info — QPRT

Entrez GenelD	23475
GeneBank Accession#	<u>NM_014298.3</u>
Protein Accession#	<u>NP_055113.2</u>
Gene Name	QPRT
Gene Alias	QPRTase
Gene Description	quinolinate phosphoribosyltransferase
Omim ID	<u>606248</u>
Gene Ontology	<u>Hyperlink</u>
Gene Summary	This gene encodes a key enzyme in catabolism of quinolinate, an intermediate in the tryptophan-n icotinamide adenine dinucleotide pathway. Quinolinate acts as a most potent endogenous exitoto xin to neurons. Elevation of quinolinate levels in the brain has been linked to the pathogenesis of n eurodegenerative disorders such as epilepsy, Alzheimer's disease, and Huntington's disease. [pr ovided by RefSeq
Other Designations	nicotinate-nucleotide pyrophosphorylase (carboxylating)



- Biosynthesis of alkaloids derived from ornithine
- Metabolic pathways
- Nicotinate and nicotinamide metabolism