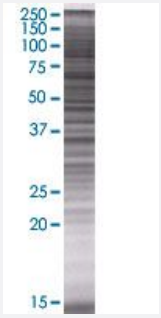
QTRT1 293T Cell Transient Overexpression Lysate(Denatured)

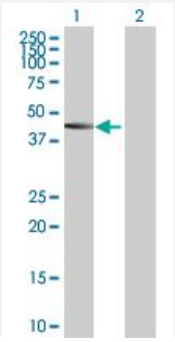
Catalog # H00081890-T01 Size 100 uL

Applications



SDS-PAGE Gel

QTRT1 transfected lysate.



Western Blot

Lane 1: QTRT1 transfected lysate (39.49 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-QTRT1 full-length
Host	Human
Theoretical MW (kDa)	39.49
Interspecies Antigen Sequence	Rat (88)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-QTRT1 antibody (H00081890-B01) by Western Blots. SDS-PAGE Gel QTRT1 transfected lysate. Western Blot Lane 1: QTRT1 transfected lysate (39.49 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 — QTRT1

Entrez GeneID	81890
GeneBank Accession#	BC015350.1
Protein Accession#	AAH15350.1
Gene Name	QTRT1
Gene Alias	FP3235, TGT
Gene Description	queuine tRNA-ribosyltransferase 1
Omim ID	609615
Gene Ontology	Hyperlink
Gene Summary	tRNA-guanine transglycosylase (TGT; EC 2.4.2.29) synthesizes queuosine (Q), which is found in tRNAs that recognize NAU and NAC codons, encoding tyr, asn, asp, and his. Prokaryotic TGT is a single protein of 43 kD. In contrast, mammalian TGT appears to be a heterodimer consisting of a 60-kD subunit (USP14; MIM 607274) and a 43-kD catalytic subunit (QTRT1) (Deshpande and Katze, 2001 [PubMed 11255023]).[supplied by OMIM
Other Designations	tRNA-guanine transglycosylase