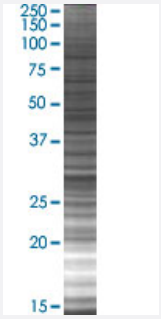
PPIE 293T Cell Transient Overexpression Lysate(Denatured)

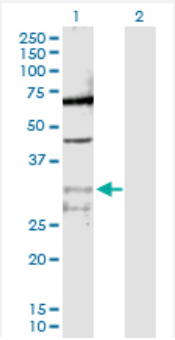
Catalog # H00010450-T02 Size 100 uL

Applications



SDS-PAGE Gel

PPIE transfected lysate.



Western Blot

Lane 1: PPIE transfected lysate (33.4 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PPIE full-length
Host	Human
Theoretical MW (kDa)	33.4
Interspecies Antigen Sequence	Mouse (98)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-PPIE antibody (H00010450-D01P) by Western Blots. SDS-PAGE Gel PPIE transfected lysate. Western Blot Lane 1: PPIE transfected lysate (33.4 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 — PPIE

Entrez GeneID	10450
GeneBank Accession#	NM_006112.2
Protein Accession#	NP_006103.1
Gene Name	PPIE
Gene Alias	CYP-33, MGC111222, MGC3736
Gene Description	peptidylprolyl isomerase E (cyclophilin E)
Omim ID	602435
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. This protein contains a highly conserved cyclophilin (CYP) domain as well as an RNA-binding domain. It was shown to possess PPIase and protein folding activities and also exhibit RNA-binding activity. Three alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq
Other Designations	OTTHUMP00000010837|OTTHUMP00000010838|PPIase E|cyclophilin 33|cyclophilin E|peptidyl-prolyl cis-trans isomerase E|peptidylprolyl isomerase E|peptidylprolyl isomerase E, isoform 1|rotamase E

Disease

- Obesity