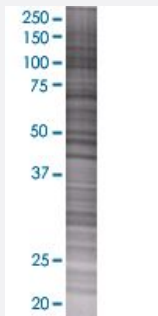


UPP1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00007378-T01

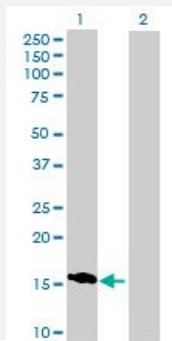
Size 100 uL

Applications



SDS-PAGE Gel

UPP1 transfected lysate.



Western Blot

Lane 1: UPP1 transfected lysate (19.2 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-UPP1 full-length
Host	Human
Theoretical MW (kDa)	19.2
Interspecies Antigen Sequence	Mouse (79); Rat (81)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-UPP1 antibody ([H00007378-B01](#)) by Western Blots.
SDS-PAGE Gel
UPP1 transfected lysate.
Western Blot
Lane 1: UPP1 transfected lysate (19.2 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 — UPP1

Entrez GeneID

[7378](#)

GeneBank Accession#

[BC047030.1](#)

Protein Accession#

[AAH47030.1](#)

Gene Name

UPP1

Gene Alias

UDRPASE, UP, UPASE, UPP

Gene Description

uridine phosphorylase 1

Omim ID

[191730](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The 2 known types of pyrimidine nucleoside phosphorylases, uridine phosphorylase (UP; EC 2.4.2.3) and thymidine phosphorylase (TP; EC 2.4.2.4), in the presence of orthophosphate, catalyze the reversible phosphorolysis of uridine and thymidine or deoxyuridine, respectively, to free bases and ribose-1-phosphate or deoxyribose-1-phosphate. Pyrimidine nucleoside phosphorylases can add ribose or deoxyribose to pyrimidine bases to form nucleosides that can be incorporated into RNA or DNA (Watanabe and Uchida, 1995 [PubMed 7488099]).[supplied by OMIM]

Other Designations

OTTHUMP00000159566

Pathway

- [Drug metabolism - other enzymes](#)
- [Metabolic pathways](#)
- [Pyrimidine metabolism](#)