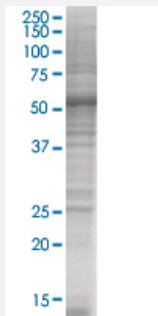


UBE2E3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00010477-T01

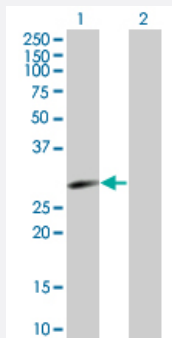
Size 100 uL

Applications



SDS-PAGE Gel

UBE2E3 transfected lysate



Western Blot

Lane 1: UBE2E3 transfected lysate (22.77 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-UBE2E3 full-length
Host	Human
Theoretical MW (kDa)	22.77
Interspecies Antigen Sequence	Mouse (100); Rat (100)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-UBE2E3 antibody ([H00010477-B01](#)) by Western Blots.
SDS-PAGE Gel
UBE2E3 transfected lysate
Western Blot
Lane 1: UBE2E3 transfected lysate (22.77 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 — UBE2E3

Entrez GeneID

[10477](#)

GeneBank Accession#

[NM_006357](#)

Protein Accession#

[NP_006348](#)

Gene Name

UBE2E3

Gene Alias

UBCH9, UbcM2

Gene Description

ubiquitin-conjugating enzyme E2E 3 (UBC4/5 homolog, yeast)

Omim ID

[604151](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. The encoded protein shares 100% sequence identity with the mouse and rat counterparts, which indicates that this enzyme is highly conserved in eukaryotes. Two alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Other Designations

ubiquitin carrier protein|ubiquitin-conjugating enzyme E2E 3|ubiquitin-conjugating enzyme E2E 3 (homologous to yeast UBC4/5)|ubiquitin-protein ligase

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Tobacco Use Disorder](#)