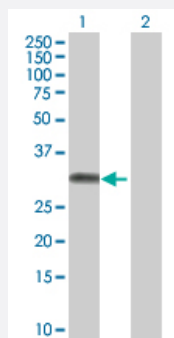


HUS1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00003364-T01

Size 100 uL

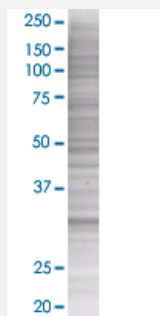
Applications



Western Blot

Lane 1: HUS1 transfected lysate (31.7 KDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

HUS1 transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-HUS1 full-length

Host Human

Theoretical MW (kDa) 30.91

Quality Control Testing Transient overexpression cell lysate was tested with Anti-HUS1 antibody ([H00003364-B01](#)) by Western Blots.
Western Blot
Lane 1: HUS1 transfected lysate (31.7 KDa)
Lane 2: Non-transfected lysate.
SDS-PAGE Gel
HUS1 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 — HUS1

Entrez GeneID	3364
GeneBank Accession#	NM_004507
Protein Accession#	NP_004498
Gene Name	HUS1
Gene Alias	-
Gene Description	HUS1 checkpoint homolog (S. pombe)
Omim ID	603760
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a component of an evolutionarily conserved, genotoxin-activated checkpoint complex that is involved in the cell cycle arrest in response to DNA damage. This protein forms a heterotrimeric complex with checkpoint proteins RAD9 and RAD1. In response to DNA damage, the trimeric complex interacts with another protein complex consisting of checkpoint protein RAD17 and four small subunits of the replication factor C (RFC), which loads the combined complex onto the chromatin. The DNA damage induced chromatin binding has been shown to depend on the activation of the checkpoint kinase ATM, and is thought to be an early checkpoint signaling event. [provided by RefSeq]
Other Designations	HUS1 checkpoint protein hus1+-like protein

Disease

- [Adenocarcinoma](#)
- [Amyotrophic lateral sclerosis](#)

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)