

Human TARBP2 Knockdown Cell Lysate

Cat. No. TARBP2-441HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated TARBP2 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	HIV-1, the causative agent of acquired immunodeficiency syndrome (AIDS), contains an RNA genome that produces a chromosomally integrated DNA during the replicative cycle. Activation of HIV-1 gene expression by the transactivator Tat is dependent on an RNA regulatory element (TAR) located downstream of the transcription initiation site. The protein encoded by this gene binds between the bulge and the loop of the HIV-1 TAR RNA regulatory element and activates HIV-1 gene expression in synergy with the viral Tat protein. Alternative splicing results in multiple transcript variants encoding different isoforms. This gene also has a pseudogene.
Form	Cell-Tissue Lysis buffer
Molecular Mass	39 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg TARBP2 KD HeLa cell lysate
Protein Families	Stem cell - Pluripotency
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	TARBP2 TAR (HIV-1) RNA binding protein 2 [Homo sapiens (human)]
Official Symbol	TARBP2
Synonyms	TARBP2; TAR (HIV-1) RNA binding protein 2; Tar (HIV 1) RNA binding protein 2; RISC-loading complex subunit TARBP2; TAR RNA binding protein 2; TAR RNA-binding protein 2; TAR (HIV) RNA binding protein 2; TAR (HIV) RNA-binding protein 2; TAR (HIV) RNA-binding protein TRBP1; trans-activation responsive RNA-binding protein; trans-activation-responsive RNA-binding protein; LOQS; TRBP; TRBP1; TRBP2;
Gene ID	6895
mRNA Refseq	NM_004178
Protein Refseq	NP_004169
MIM	605053

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UniProt ID

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