

Human TREX1 Knockdown Cell Lysate

Cat. No. TREX1-455HKCL Lot. No. (See product label)

SPECIFICATION

Product Overview	WB-validated TREX1 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a nuclear protein with 3' exonuclease activity. The encoded protein may play a role in DNA repair and serve as a proofreading function for DNA polymerase. Mutations in this gene result in Aicardi-Goutieres syndrome, chilblain lupus, Cree encephalitis, and other diseases of the immune system. Alternative splicing results in multiple transcript variants.
Form	Cell-Tissue Lysis buffer
Molecular Mass	33 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.
Concentration	Lot-specific

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Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg TREX1 KD HeLa cell lysate
Protein Families	Druggable Genome, Transmembrane
Protein Pathways	Cytosolic DNA-sensing pathway
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	TREX1 three prime repair exonuclease 1 [Homo sapiens (human)]
Official Symbol	TREX1
Synonyms	TREX1; three prime repair exonuclease 1; AGS1, Aicardi Goutieres syndrome 1; DRN3; DNase III; 3 repair exonuclease 1; 3-5 exonuclease TREX1; CRV; AGS1; HERNS; DKFZp434J0310;
Gene ID	11277
mRNA Refseq	NM_016381
Protein Refseq	NP_057465
MIM	606609
UniProt ID	Q9NSU2

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