

Human TRIM24 Knockdown Cell Lysate

Cat. No. TRIM24-456HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated TRIM24 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	The protein encoded by this gene mediates transcriptional control by interaction with the activation function 2 (AF2) region of several nuclear receptors, including the estrogen, retinoic acid, and vitamin D3 receptors. The protein localizes to nuclear bodies and is thought to associate with chromatin and heterochromatin-associated factors. The protein is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains - a RING, a B-box type 1 and a B-box type 2 - and a coiled-coil region. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene.
Form	Cell-Tissue Lysis buffer
Molecular Mass	117 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.

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Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg TRIM24 KD HeLa cell lysate
Protein Families	Druggable Genome, Protein Kinase, Transcription Factors
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	TRIM24 tripartite motif containing 24 [Homo sapiens (human)]
Official Symbol	TRIM24
Synonyms	TRIM24; tripartite motif containing 24; TIF1, transcriptional intermediary factor 1, tripartite motif containing 24; transcription intermediary factor 1-alpha; hTIF1; RNF82; TIF1A; Tif1a; TIF1-alpha; RING finger protein 82; tripartite motif-containing 24; E3 ubiquitin-protein ligase TRIM24; transcriptional intermediary factor 1; PTC6; TF1A; TIF1; TIF1ALPHA;
Gene ID	8805
mRNA Refseq	NM_003852
Protein Refseq	NP_003843
MIM	603406
UniProt ID	O15164

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