Human TIMM50 Knockdown Cell Lysate

Cat. No. TIMM50-446HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated TIMM50 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a subunit of the TIM23 inner mitochondrial membrane translocase complex. The encoded protein functions as the receptor subunit that recognizes the mitochondrial targeting signal, or presequence, on protein cargo that is destined for the mitochondrial inner membrane and matrix. This protein may also play a role in maintaining the membrane permeability barrier, and knockdown of this gene in human cells results in the release of cytochrome c and apoptosis.
Form	Cell-Tissue Lysis buffer
Molecular Mass	40 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 TIMM50 KD HeLa cell lysate
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	TIMM50 translocase of inner mitochondrial membrane 50 homolog (S. cerevisiae) [Homo sapiens (human)]
Official Symbol	TIMM50
Synonyms	TIMM50; translocase of inner mitochondrial membrane 50 homolog (S. cerevisiae); translocase of inner mitochondrial membrane 50 homolog (yeast); mitochondrial import inner membrane translocase subunit TIM50; TIM50L; Tim50-like protein; homolog of yeast Tim50; TIM50; MGC102733;
Gene ID	92609
mRNA Refseq	NM_001001563
Protein Refseq	NP_001001563
MIM	607381
UniProt ID	Q3ZCQ8

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