Human TSFM Knockdown Cell Lysate

Cat. No. TSFM-458HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated TSFM Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a mitochondrial translation elongation factor. The encoded protein is an enzyme that catalyzes the exchange of guanine nucleotides on the translation elongation factor Tu during the elongation step of mitchondrial protein translation. Mutations in this gene are associated with combined oxidative phosphorylation deficiency-3 syndrome. Alternate splicing results in multiple transcript variants.
Form	Cell-Tissue Lysis buffer
Molecular Mass	35 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 TSFM KD HeLa cell lysate
Protein Families	Transcription Factors
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	TSFM Ts translation elongation factor, mitochondrial [Homo sapiens (human)]
Official Symbol	TSFM
Synonyms	TSFM; Ts translation elongation factor, mitochondrial; elongation factor Ts, mitochondrial; EF TS; EF Tsmt; mitochondrial elongation factor Ts; EFTS; EFTSMT;
Gene ID	10102
mRNA Refseq	NM_001172695
Protein Refseq	NP_001166166
MIM	604723
UniProt ID	P43897

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