

Human TPP2 Knockdown Cell Lysate

Cat. No. TPP2-453HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated TPP2 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a mammalian peptidase that, at neutral pH, removes tripeptides from the N terminus of longer peptides. The protein has a specialized function that is essential for some MHC class I antigen presentation. The protein is a high molecular mass serine exopeptidase; the amino acid sequence surrounding the serine residue at the active site is similar to the peptidases of the subtilisin class rather than the trypsin class.
Form	Cell-Tissue Lysis buffer
Molecular Mass	138 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 TPP2 KD HeLa cell lysate
Protein Families	Druggable Genome, Protease
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	TPP2 tripeptidyl peptidase II [Homo sapiens (human)]
Official Symbol	TPP2
Synonyms	TPP2; tripeptidyl peptidase II; tripeptidyl-peptidase 2; TPP-II; tripeptidyl-peptidase II; tripeptidyl aminopeptidase; TPP-2; FLJ40359;
Gene ID	7174
mRNA Refseq	NM_003291
Protein Refseq	NP_003282
MIM	190470
UniProt ID	P29144

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