

Human CLPP Knockdown Cell Lysate

Cat. No. CLPP-117HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated CLPP Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	The protein encoded by this gene belongs to the peptidase family S14 and hydrolyzes proteins into small peptides in the presence of ATP and magnesium. The protein is transported into mitochondrial matrix and is associated with the inner mitochondrial membrane.
Form	Cell-Tissue Lysis buffer
Molecular Mass	30 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
Shipping	Blue Ice

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Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg CLPP KD HeLa cell lysate
Protein Families	Druggable Genome, Protease
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	CLPP ClpP caseinolytic peptidase, ATP-dependent, proteolytic subunit homolog (E. coli) [Homo sapiens (human)]
Official Symbol	CLPP
Synonyms	CLPP; ClpP caseinolytic peptidase, ATP-dependent, proteolytic subunit homolog (E. coli); ClpP (caseinolytic protease, ATP dependent, proteolytic subunit, E. coli) homolog, ClpP caseinolytic protease, ATP dependent, proteolytic subunit homolog (E. coli); putative ATP-dependent Clp protease proteolytic subunit, mitochondrial; ATP dependent protease ClpAP (E. coli); proteolytic subunit; human; endopeptidase Clp; ATP-dependent protease ClpAP, proteolytic subunit, human; ClpP caseinolytic peptidase ATP-dependent, proteolytic subunit; ClpP caseinolytic protease, ATP-dependent, proteolytic subunit homolog;
Gene ID	8192
mRNA Refseq	NM_006012
Protein Refseq	NP_006003
MIM	601119
UniProt ID	Q16740

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