Human CLP1 Knockdown Cell Lysate

Cat. No. CLP1-116HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated CLP1 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a member of the Clp1 family. The encoded protein is a multifunctional kinase which is a component of the tRNA splicing endonuclease complex and a component of the pre-mRNA cleavage complex II. This protein is implicated in tRNA, mRNA, and siRNA maturation. Mutations in this gene are associated with pontocerebellar hypoplasia type 10 (PCH10). Alternatively splice transcript variants encoding different isoforms have been found for this gene.
Form	Cell-Tissue Lysis buffer
Molecular Mass	48 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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg CLP1 KD HeLa cell lysate
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	CLP1 cleavage factor polyribonucleotide kinase subunit 1 [Homo sapiens (human)]
Official Symbol	CLP1
Synonyms	CLP1; cleavage factor polyribonucleotide kinase subunit 1; HEAB; hClp1; polyribonucleotide 5'-hydroxyl-kinase Clp1 ATP/GTP-binding protein cleavage and polyadenylation factor I subunit 1 homolog of yeast CFIA subunit Clp1p polyadenylation factor Clp1 polynucleotide kinase Clp1 pre-mRNA cleavage complex II protein Clp1 EC 2.7.1.78
Gene ID	10978
mRNA Refseq	NM_006831
Protein Refseq	NP_006822
MIM	608757
UniProt ID	Q92989

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