

Human CDT1 Knockdown Cell Lysate

Cat. No. CDT1-106HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated CDT1 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	The protein encoded by this gene is involved in the formation of the pre-replication complex that is necessary for DNA replication. The encoded protein can bind geminin, which prevents replication and may function to prevent this protein from initiating replication at inappropriate origins. Phosphorylation of this protein by cyclin A-dependent kinases results in degradation of the protein.
Form	Cell-Tissue Lysis buffer
Molecular Mass	60 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 CDT1 KD HeLa cell lysate
Protein Families	Stem cell - Pluripotency
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	CDT1 chromatin licensing and DNA replication factor 1 [Homo sapiens (human)]
Official Symbol	CDT1
Synonyms	CDT1; chromatin licensing and DNA replication factor 1; DNA replication factor Cdt1; DUP; RIS2; Double parked, Drosophila, homolog of;
Gene ID	81620
mRNA Refseq	NM_030928
Protein Refseq	NP_112190
MIM	605525
UniProt ID	Q9H211

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