

Human USP13 Knockdown Cell Lysate

Cat. No. USP13-314HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated USP13 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	Enables several functions, including BAT3 complex binding activity; peptidase activity; and proteasome binding activity. Involved in several processes, including maintenance of unfolded protein; regulation of DNA-templated transcription; and regulation of catabolic process. Acts upstream of or within protein deubiquitination and protein stabilization. Predicted to be located in nucleoplasm. Predicted to be active in cytosol and nucleus.
Form	Cell-Tissue Lysis buffer
Molecular Mass	97 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 USP13 KD HeLa cell lysate
Protein Families	Druggable Genome, Protease
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	USP13 ubiquitin specific peptidase 13 (isopeptidase T-3) [Homo sapiens (human)]
Official Symbol	USP13
Synonyms	USP13; ubiquitin specific peptidase 13 (isopeptidase T-3); ubiquitin specific protease 13 (isopeptidase T 3); ubiquitin carboxyl-terminal hydrolase 13; IsoT 3; isopeptidase T-3; ubiquitin thioesterase 13; deubiquitinating enzyme 13; ubiquitin thiolesterase 13; ubiquitin-specific-processing protease 13; ubiquitin specific protease 13 (isopeptidase T-3); ISOT3; IsoT-3;
Gene ID	8975
mRNA Refseq	NM_003940
Protein Refseq	NP_003931
MIM	603591
UniProt ID	Q92995

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