

Human UBE2L3 Knockdown Cell Lysate

Cat. No. UBE2L3-461HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated UBE2L3 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes (E1s), ubiquitin-conjugating enzymes (E2s) and ubiquitin-protein ligases (E3s). This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is demonstrated to participate in the ubiquitination of p53, c-Fos, and the NF-κB precursor p105 in vitro. Several alternatively spliced transcript variants have been found for this gene.
Form	Cell-Tissue Lysis buffer
Molecular Mass	18 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.

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Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg UBE2L3 KD HeLa cell lysate
Protein Pathways	Parkinson's disease, Ubiquitin mediated proteolysis
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	UBE2L3 ubiquitin-conjugating enzyme E2L 3 [Homo sapiens (human)]
Official Symbol	UBE2L3
Synonyms	UBE2L3; ubiquitin-conjugating enzyme E2L 3; ubiquitin-conjugating enzyme E2 L3; UBCH7; ubiquitin-protein ligase L3; ubiquitin carrier protein L3; ubiquitin-conjugating enzyme E2-F1; ubiquitin-conjugating enzyme UBCH7; E2-F1; L-UBC; UbcM4;
Gene ID	7332
mRNA Refseq	NM_001256355
Protein Refseq	NP_001243284
MIM	603721
UniProt ID	P68036

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