Human CUL1 Knockdown Cell Lysate

Cat. No. CUL1-009HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated CUL1 Knockdown 293T Cell Lysate
Species	Human
Source	293T
Description	Enables ubiquitin ligase complex scaffold activity and ubiquitin protein ligase binding activity. Involved in SCF-dependent proteasomal ubiquitin-dependent protein catabolic process; positive regulation of canonical NF-kappaB signal transduction; and protein K48-linked ubiquitination. Located in plasma membrane. Part of Parkin-FBXW7-Cul1 ubiquitin ligase complex and SCF ubiquitin ligase complex.
Form	Cell-Tissue Lysis buffer
Molecular Mass	90 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type 293T 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 293T cell lysate 1 vial of 100 µg CUL1 KD 293T cell lysate
Protein Families	Druggable Genome
Protein Pathways	Cell cycle, Oocyte meiosis, TGF-beta signaling pathway, Ubiquitin mediated proteolysis, Wnt signaling pathway
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	CUL1 cullin 1 [Homo sapiens (human)]
Official Symbol	CUL1
Synonyms	CUL1; cullin 1; cullin-1; CUL-1; MGC149834; MGC149835;
Gene ID	8454
mRNA Refseq	NM_003592
Protein Refseq	NP_003583
MIM	603134
UniProt ID	Q13616

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