

Human CDC37 Knockdown Cell Lysate

Cat. No. CDC37-100HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated CDC37 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	The protein encoded by this gene is highly similar to Cdc 37, a cell division cycle control protein of <i>Sacchomyces cerevisiae</i>. This protein is a molecular chaperone with specific function in cell signal transduction. It has been shown to form complex with Hsp90 and a variety of protein kinases including CDK4, CDK6, SRC, RAF-1, MOK, as well as eIF2 alpha kinases. It is thought to play a critical role in directing Hsp90 to its target kinases.
Form	Cell-Tissue Lysis buffer
Molecular Mass	44 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 CDC37 KD HeLa cell lysate
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	CDC37 cell division cycle 37 homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i> (human)]
Official Symbol	CDC37
Synonyms	CDC37; cell division cycle 37 homolog (<i>S. cerevisiae</i>); CDC37 (cell division cycle 37, <i>S. cerevisiae</i> , homolog), CDC37 cell division cycle 37 homolog (<i>S. cerevisiae</i>); hsp90 co-chaperone Cdc37; CDC37 (cell division cycle 37; <i>S. cerevisiae</i> ; homolog); CDC37 cell division cycle 37 homolog; Hsp90 co chaperone Cdc37; P50CDC37; hsp90 chaperone protein kinase-targeting subunit; CDC37 (cell division cycle 37, <i>S. cerevisiae</i> , homolog);
Gene ID	11140
mRNA Refseq	NM_007065
Protein Refseq	NP_008996
MIM	605065
UniProt ID	Q16543

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