

## Human JUND Knockdown Cell Lysate

Cat. No. JUND-217HKCL Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	WB-validated JUND Knockdown HeLa Cell Lysate
<b>Species</b>	Human
<b>Source</b>	HeLa
<b>Description</b>	The protein encoded by this intronless gene is a member of the JUN family, and a functional component of the AP1 transcription factor complex. This protein has been proposed to protect cells from p53-dependent senescence and apoptosis. Alternative translation initiation site usage results in the production of different isoforms.
<b>Form</b>	Cell-Tissue Lysis buffer
<b>Molecular Mass</b>	35 kDa
<b>Notes</b>	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.
<b>Storage</b>	Store at -20 centigrade for two years.
<b>Concentration</b>	Lot-specific
<b>Shipping</b>	Blue Ice

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<b>Components</b>	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg JUND KD HeLa cell lysate
<b>Protein Families</b>	Druggable Genome, Transcription Factors
<b>Protein Pathways</b>	MAPK signaling pathway
<b>Lysate QC</b>	RT-qPCR; Western Blotting (WB)

## GENE INFORMATION

<b>Gene Name</b>	JUND jun D proto-oncogene [ Homo sapiens (human) ]
<b>Official Symbol</b>	JUND
<b>Synonyms</b>	JUND; jun D proto-oncogene; transcription factor jun-D; activator protein 1; AP 1; JunD FL isoform; transcription factor jun D; JunD-FL isoform; AP-1;
<b>Gene ID</b>	3727
<b>mRNA Refseq</b>	NM_005354
<b>Protein Refseq</b>	NP_005345
<b>MIM</b>	165162
<b>UniProt ID</b>	P17535

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