

Human JUN Knockdown Cell Lysate

Cat. No. JUN-355HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated JUN Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene is the putative transforming gene of avian sarcoma virus 17. It encodes a protein which is highly similar to the viral protein, and which interacts directly with specific target DNA sequences to regulate gene expression. This gene is intronless and is mapped to 1p32-p31, a chromosomal region involved in both translocations and deletions in human malignancies.
Form	Cell-Tissue Lysis buffer
Molecular Mass	36 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.
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 JUN KD HeLa cell lysate
Protein Families	Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors
Protein Pathways	B cell receptor signaling pathway, Colorectal cancer, Epithelial cell signaling in Helicobacter pylori infection, ErbB signaling pathway, Focal adhesion, GnRH signaling pathway, MAPK signaling pathway, Neurotrophin signaling pathway, Pathways in cancer, Renal cell carcinoma, T cell receptor signaling pathway, Toll-like receptor signaling pathway, Wnt signaling pathway
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	JUN jun proto-oncogene [Homo sapiens (human)]
Official Symbol	JUN
Synonyms	JUN; jun proto-oncogene; jun oncogene, v jun avian sarcoma virus 17 oncogene homolog, v jun sarcoma virus 17 oncogene homolog (avian); transcription factor AP-1; AP 1; c Jun; p39; jun oncogene; activator protein 1; proto-oncogene c-Jun; enhancer-binding protein AP1; Jun activation domain binding protein; v-jun sarcoma virus 17 oncogene homolog; v-jun avian sarcoma virus 17 oncogene homolog; AP1; AP-1; c-Jun;
Gene ID	3725
mRNA Refseq	NM_002228

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Protein Refseq	NP_002219
MIM	165160
UniProt ID	P05412

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