

Human JUN Knockdown Cell Lysate

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

SPECIFICATION

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| Product Overview | WB-validated JUN Knockdown HeLa Cell Lysate |
| Species | Human |
| Source | HeLa |
| Description | <p>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.</p> |
| Form | Cell-Tissue Lysis buffer |
| Molecular Mass | 36 kDa |
| Notes | <p>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.</p> |
| 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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