

Human CHUK Knockdown Cell Lysate

Cat. No. CHUK-111HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated CHUK Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a member of the serine/threonine protein kinase family. The encoded protein, a component of a cytokine-activated protein complex that is an inhibitor of the essential transcription factor NF-kappa-B complex, phosphorylates sites that trigger the degradation of the inhibitor via the ubiquination pathway, thereby activating the transcription factor.
Form	Cell-Tissue Lysis buffer
Molecular Mass	85 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 CHUK KD HeLa cell lysate
Protein Families	Druggable Genome, Protein Kinase
Protein Pathways	Acute myeloid leukemia, Adipocytokine signaling pathway, Apoptosis, B cell receptor signaling pathway, Chemokine signaling pathway, Chronic myeloid leukemia, Cytosolic DNA-sensing pathway, Epithelial cell signaling in Helicobacter pylori infection, MAPK signaling pathway, NOD-like receptor signaling pathway, Pancreatic cancer, Pathways in cancer, Prostate cancer, RIG-I-like receptor signaling pathway, Small cell lung cancer, T cell receptor signaling pathway, Toll-like receptor signaling pathway
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	CHUK conserved helix-loop-helix ubiquitous kinase [Homo sapiens (human)]
Official Symbol	CHUK
Synonyms	CHUK; conserved helix-loop-helix ubiquitous kinase; TCF16; inhibitor of nuclear factor kappa-B kinase subunit alpha; IkbKA; IKK alpha; IKK1; IKKA; NFKBIKA; TCF-16; IKK-a kinase; I-kappa-B kinase 1; I-kappa-B kinase-alpha; transcription factor 16; Ikb kinase alpha subunit; Nuclear factor NFkappaB inhibitor kinase alpha; IKBKA; IKK-alpha;
Gene ID	1147
mRNA Refseq	NM_001278

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Protein Refseq	NP_001269
MIM	600664
UniProt ID	O15111

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