

Human MAP3K2 Knockdown Cell Lysate

Cat. No. MAP3K2-503HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated MAP3K2 Knockdown HT-1080 Cell Lysate
Species	Human
Source	HT-1080
Description	The protein encoded by this gene is a member of serine/threonine protein kinase family. This kinase preferentially activates other kinases involved in the MAP kinase signaling pathway. This kinase has been shown to directly phosphorylate and activate I kappa B kinases, and thus plays a role in NF-kappa B signaling pathway. This kinase has also been found to bind and activate protein kinase C-related kinase 2, which suggests its involvement in a regulated signaling process.
Form	Cell-Tissue Lysis buffer
Molecular Mass	70 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HT-1080 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 HT-1080 cell lysate 1 vial of 100 µg MAP3K2 KD HT-1080 cell lysate
Protein Families	Druggable Genome, Protein Kinase
Protein Pathways	Gap junction, GnRH signaling pathway, MAPK signaling pathway
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	MAP3K2 mitogen-activated protein kinase kinase kinase 2 [Homo sapiens (human)]
Official Symbol	MAP3K2
Synonyms	MAP3K2; mitogen-activated protein kinase kinase kinase 2; MEKK2; MAP/ERK kinase kinase 2; MEKK2B; MEKK 2; MEK kinase 2; MAPK/ERK kinase kinase 2;
Gene ID	10746
mRNA Refseq	NM_006609
Protein Refseq	NP_006600
MIM	609487
UniProt ID	Q9Y2U5

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