

## Human MAP3K2 Knockdown Cell Lysate

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

### SPECIFICATION

<b>Product Overview</b>	WB-validated MAP3K2 Knockdown HT-1080 Cell Lysate
<b>Species</b>	Human
<b>Source</b>	HT-1080
<b>Description</b>	<p>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.</p>
<b>Form</b>	Cell-Tissue Lysis buffer
<b>Molecular Mass</b>	70 kDa
<b>Notes</b>	<p>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.</p>
<b>Storage</b>	Store at -20 centigrade for two years.
<b>Concentration</b>	Lot-specific

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<b>Shipping</b>	Blue Ice
<b>Components</b>	1 vial of 100 µg WT HT-1080 cell lysate 1 vial of 100 µg MAP3K2 KD HT-1080 cell lysate
<b>Protein Families</b>	Druggable Genome, Protein Kinase
<b>Protein Pathways</b>	Gap junction, GnRH signaling pathway, MAPK signaling pathway
<b>Lysate QC</b>	RT-qPCR; Western Blotting (WB)

## GENE INFORMATION

<b>Gene Name</b>	MAP3K2 mitogen-activated protein kinase kinase kinase 2 [ Homo sapiens (human) ]
<b>Official Symbol</b>	MAP3K2
<b>Synonyms</b>	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;
<b>Gene ID</b>	10746
<b>mRNA Refseq</b>	NM_006609
<b>Protein Refseq</b>	NP_006600
<b>MIM</b>	609487
<b>UniProt ID</b>	Q9Y2U5

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