MAP3K2
Recombinant Human MAP3K2/MEKK2, Active, GST-tag

Catalog No.	CSI13420	**Quantity:**	10 µg

Alternate Names: Mitogen-activated protein kinase kinase kinase 2, MEKK2B

Description: Recombinant human full length MAP3K2, GST-tagged. MAP3K2 is a serine/threonine kinase that activates kinases involved in the MAP kinase signaling pathway. No special measures were taken to activate this kinase.

Gene ID: 10746

Protein Accession No: AAF63496.3

Concentration: lot-specific

Source: Insect cells

Molecular Weight: 97.2 kDa

Formulation: Liquid in 50 mM Tris, pH 7.5 + 150 mM NaCl + 0.5 mM EDTA + 0.02% Triton X-100 + 2 mM DTT + 50% glycerol.

Biological Activity: Determined as nmole of phosphate transferred to myelin basic protein (MBP) per minute per mg of total protein at 30°C.

Amino Acid Sequence: <u>MAPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIPQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD LVPR</u>*HNQTSL YKKAGTM*DDQ QALNSIMQDL AVLHKASRPA LSLQETRKAK SSSPKKQNDV RVKFEHRGEK RILQFPRPVK LEDLRSKAKI AFGQSMDLHY TNNELVIPLT TQDDLDKALE LLDRSIHMKS LKILLVINGS TQATNLEPLP SLEDLDNTVF GAERKKRLSI IGPTSRDRSS PPPGYIPDEL HQVARNGSFT SINSEGEFIP ESMEQMLDPL SLSSPENSGS GSCPSLDSPL DGESYPKSRM PRAQSYPDNH QEFSDYDNPI FEKFGKGGTY PRRYHVSYHH QEYNDGRKTF PRARRTQGNQ LTSPVSFSPT DHSLSTSSGS SIFTPEYDDS RIRRRGSDID NPTLTVMDIS PPSRSPRAPT NWRLGKLLGQ GAFGRVYLCY DVDTGRELAV KQVQFDPDSP ETSKEVNALE CEIQLLKNLL HERIVQYYGC LRDPQEKTLS IFMEYMPGGS IKDQLKAYGA LTENVTRKYT RQILEGVHYL HSNMIVHRDI KGANILRDST GNVKLGDFGA SKRLQTICLS GTGMKSVTGT PYWMSPEVIS GQGYGRKADI WSVACTVVEM LTEKPPWAEF EAMAAIFKIA TQPTNPKLPP HVSDYTRDFL KRIFVEAKLR PSADELLRHM FVHYH

GST-tag = underlined, linker = italic, MAP3K2 = plain text

Storage & Stability: Stable for 6 months at -80°C. Never store a kinase diluted. **Avoid repeated freeze-thaw cycles.**

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