

# Recombinant Mitogen Activated Protein Kinase Kinase 1 (MAP2K1) Instruction Manual

**SIPD238Hu01**

**Homo sapiens (Human)**

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Membrane, Cytoplasm
<b>Predicted Molecular Mass</b>	38.8kDa
<b>Accurate Molecular Mass</b>	38kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Leu54~Val369 with N-terminal His Tag
<b>Buffer Formulation</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 95%
<b>Isoelectric Point</b>	7.0
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

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LTQKQKV GELKDDDFEK ISELGAGNGG VVFKVSHKPS GLVMARKLIH  
LEIKPAIRNQ IIRELQVLHE CNSPYIVGFY GAFYSDGEIS ICMEHMDGGS  
LDQVLKKAGR IPEQILGKVS IAVIKGLTYL REKHKIMHRD VKPSNILVNS  
RGEIKLCDFG VSGQLIDSMA NSFVGTRSYM SPERLQGTHY SVQSDIWSMG  
LSLVEMAVGR YPIPPDAKE LELMFGCQVE GDA AETPPRP RTPGRPLSSY  
GMDSRPPMAI FELLDYIVNE PPPKLPSGVF SLEFQDFVNK CLIKNPAERA  
DLKQLMVHAF IKRSDAEEV
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## USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

