

## Recombinant Human MEKK2 (N-GST tag)

Cat No:HR2R1719

For research use only

### Overview

Quantity	10 ?g
Gene Symbol	MEKK2
Gene ID	N/A
Accession	NM_006609
Alternative Name	MAP3K2, MEKK2B
Species	Human
Source	Insect cells
Description	MEKK2 (also known as mitogen-activated protein kinase (MAPK) kinase kinase 2) is a major upstream activator of the JNK/MAPK cascade . MEKK2 can mediate in vitro phosphorylation of MKK4 and MKK7 which are key MAPKs that activate JNK. In addition, MEKK2 immunoprecipitates activated JUN in an IL1-dependent manner. Rheumatoid arthritis and osteoarthritis synovial tissues show high levels of MEKK2 indicating that it may be an important activator of the JNK pathway in arthritis . Endogenous MEKK2 is localized mainly in the cytosol of unstimulated cells.
Functions	The specific activity of MEKK2 was determined to be 226 nmol /min/mg as per activity assay protocol
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	115
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.