

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 be226 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.