

Recombinant Human MEKK6 (N-GST tag)

Cat No:HR2R1721

For research use only

Overview

Quantity	10 ?g
Gene Symbol	MEKK6
Gene ID	N/A
Accession	NM_004672
Alternative Name	MAP3K6, MAPKKK6, ASK2
Species	Human
Source	Insect cells
Description	MEKK6 or MAP3K6 (mitogen-activated protein kinase kinase kinase 6) is a member of the serine/threonine protein kinase family. MEKK6 was identified by its interaction with MAP3K5/ASK, a protein kinase and an activator of c-Jun kinase (MAPK7/JNK) and MAPK14/p38 kinase . MEKK6 cascades relay signals from the cell surface to the nucleus which result in gene transcription . MEKK6 activates the JNK and p38 pathway and induces apoptosis when overexpressed in stably transfected cells. MEKK6 transcript is expressed in several tissues, with the highest expression in heart and skeletal muscle.
Functions	The specific activity of MEKK6 was determined to be 10 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	67
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.