

Recombinant Human MEK6 (N-GST tag)

Cat No:HR2R1717

For research use only

Overview

Quantity	10 ?g
Gene Symbol	MEK6
Gene ID	N/A
Accession	BC012009
Alternative Name	MAP2K6, MAPKK6, MKK6, PRKMK6, SAPKK3, SKK3, SEK3
Species	Human
Source	Insect cells
Description	MEK6 or MAP2K6(mitogen-activated protein kinase kinase 6) is a member of the dual specificity protein kinase family, which functions as a mitogen-activated protein (MAP) kinase kinase that also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. MEK6 phosphorylates and activates p38 MAP kinase in response to inflammatory cytokines or environmental stress . As an essential component of p38 MAP kinase mediated signal transduction pathway, MEK6 is involved in many cellular processes such as stress induced cell cycle arrest, transcription activation and apoptosis .
Functions	The specific activity of MEK6 was determined to be 570 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	64
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.