

Recombinant Human MLK2 (N-GST tag)

Cat No:HR2R1753

For research use only

Overview

Quantity	10 ?g
Gene Symbol	MLK2
Gene ID	N/A
Accession	NM_002446
Alternative Name	MAP3K10, MST
Species	Human
Source	Insect cells
Description	MLK2 or mixed-lineage kinase 2 is a member of the serine/threonine kinase family, which activates MAPK8 JNK and MKK4/SEK1. MLK2 itself can be phosphorylated, and activated by JNK kinases. MLK2 is also known as mitogen-activated protein kinase kinase kinase 10 (MAP3K10). MLK2 functions preferentially on the JNK signaling pathway which is involved in nerve growth factor (NGF) induced neuronal apoptosis. MLK2 was isolated as a cDNA fragment from MKN28 gastric cancer cell library using degenerate PCR . MLK2 is highly expressed in brain, skeletal muscle, and testis .
Functions	The specific activity of MLK2 was determined to be 48 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	76
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.