

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 phoshorylated, 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.