

Recombinant Human MLK4 (N-GST tag)

Cat No:HR2R1755

For research use only

Overview

Quantity	10 ?g
Gene Symbol	MLK4
Gene ID	N/A
Accession	NM_032435
Alternative Name	dJ862P8.3; KIAA1804; RP5-862P8.2
Species	Human
Source	Insect cells
Description	MLK4 or mixed lineage kinase 4 belongs to the superfamily of MAP kinase kinase kinases (MAP3K1) which contain both ser/thr and tyr kinases activity in their catalytic domains. The structure of this kinase family incorporates an N-terminal Src homology (SH3) domain, followed by the kinase domain, a leucine zipper region, and a CDC42 /RAC -interactive binding (CRIB) motif, but divergent C-terminal regions. MLK4 is highly expressed in kidney and pancreas . MLK4 is a negative regulator of TLR4 .
Functions	The specific activity of MLK4 was determined to be 22nmol /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	61
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.