

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. |