

Recombinant Human STK21 (CIT) (N-GST tag)

Cat No:HR2R1970

For research use only

Overview

| Quantity | 10 ?g |
|-----------------------|---|
| Gene Symbol | STK21 (CIT) |
| Gene ID | N/A |
| Accession | NM_007174 |
| Alternative Name | CIT; CRIK |
| Species | Human |
| Source | Insect cells |
| Description | STK21 is a serine/threonine-protein kinase that functions in cell division and also to promote efficient cytokinesis STK21 is a novel molecular mechanism for a subset of human malformation syndromes of the central nervous system . STK21 is also associated with bipolar disorder and risk for schizophrenia. STK21 is a novel partner for the GTP-bound forms of rho and rac . |
| Functions | The specific activity of STK21 (CIT) was determined to be 5 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 | 74 |
| 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 a recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles. |