

Recombinant Human CDK3/CyclinE1 (N-GST tag)

Cat No:HR2R1258

For research use only

Overview

| | |
|--------------------|---|
| Quantity | 10 ?g |
| Gene Symbol | CDK3/cyclinE1 |
| Gene ID | N/A |
| Accession | NM_001258, NM_001238 |
| Alternative Name | CDK3: None CyclinE1: CCNE1, CCNE |
| Species | Human |
| Source | Insect cells |
| Description | <p>CDK3/CyclinE1 is a member of the cyclin-dependent protein kinase family and promotes entry into S phase, in part by activating members of the E2F family of transcription factors. CDK3 can also associate with cyclin C and phosphorylates the retinoblastoma 1 protein to promote exit from G0. The CDK3 gene has been mapped to chromosomal location of 17q22-qter, telomeric to the BRCA1 gene by somatic cell hybrids analysis . The presence of a single point mutation in the CDK3 gene from several Mus musculus strains commonly used in the laboratory has been reported .</p> |
| Functions | The specific activity of CDK3/CyclinE1 was determined to be 20 nmol /min/mg as per activity assay protoco |
| Formulation | 50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol. |
| Solubility | N/A |
| Appearance | Liquid |
| Molecular Weight | 60 |
| 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. |