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	CDK3/CyclinE1is 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 .
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.