Recombinant Human CDC7/DBF4 (N-GST tag)

Cat No:HR2R1250

For research use only

Overview

Quantity	10 ?g
Gene Symbol	CDC7/DBF4
Gene ID	N/A
Accession	NM_003503, NM_006716
Alternative Name	CDC7: CDC7L1; HsCDC7; Hsk1; huCDC7; MGC117361; MGC126237; MGC126238; DBF4: ASK; CHIF; DBF4A; ZDBF1
Species	Human
Source	Insect cells
Description	CDC7 is a cell division cycle 7 homolog protein that is critical for the G1/S transition and is also essential for initiation of DNA replication as cell division occurs. CDC7 is expressed in many normal tissues, but the overexpression of CDC7 may be associated with neoplastic transformation for some tumors and transformed cell lines . CDC7/DBF4 kinase promotes S phase by alleviating an inhibitory activity in Mcm4 that evolved to integrate several protein kinase .
Functions	The specific activity of CDC7/DBF4 was determined to be 8.5 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	94
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.