

Recombinant Human CDK1 & CCNE1 protein, His&GST-tagged

Cat. No. CDK1 & CCNE1-2209H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDK1 & CCNE1 protein(NP_001777.1 & NP_001229.1)(Met1-Met297 & Met1-Ala410), fused with His&GST tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Met297 & Met1-Ala410
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 2 mM GSH, 10 % glycerol, pH 8.0.
Molecular Mass	The recombinant heterotrimer of human CDC2 & CCNE1 comprises 950 (522+428) amino acids and has a calculated molecular mass of 109.7 (60.4+49.3) kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	CDK1 cyclin-dependent kinase 1 [Homo sapiens]
Official Symbol	CDK1
Synonyms	CDK1; cyclin-dependent kinase 1; CDC2, cell division cycle 2, G1 to S and G2 to M; CDC28A; p34 protein kinase; cell cycle controller CDC2; cell division protein kinase 1; cell division control protein 2 homolog; cell division cycle 2, G1 to S and G2 to M; CDC2; P34CDC2; MGC111195; DKFZp686L20222;
Gene ID	983
mRNA Refseq	NM_001170406
Protein Refseq	NP_001163877
MIM	116940
UniProt ID	P06493

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