

Active Recombinant Human CCNE1 protein

Cat. No. CCNE1-2230H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CCNE1 protein(NP_001229.1) (Met 1-Ala 410) was expressed and purified in Insect Cells with two additional amino acids (Gly &) at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-410 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human CCNE1 at 10 µg/ml (100 µl/well) can bind biotinylated human GST-CDK4, The EC50 of biotinylated human GST-CDK4 is 0.55-1.29 µg/ml.
Molecular Mass	The secreted recombinant human CCNE1 consists of 412 amino acids and predicts a molecular mass of 47.2 KDa. The apparent molecular mass of the protein is approximately 48 KDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

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aliquot the protein into smaller quantities 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.

protein Refseq-Weblink

http://www.ncbi.nlm.nih.gov/protein/NP_001229.1

Unit ID

P24864

Unit ID-Weblink

<http://www.uniprot.org/uniprot/P24864>

GENE INFORMATION

Gene Name

CCNE1 cyclin E1 [Homo sapiens]

Official Symbol

CCNE1

Synonyms

CCNE1; cyclin E1; CCNE; G1/S-specific cyclin-E1; cyclin Es; cyclin Et;

Gene ID

898

mRNA Refseq

NM_001238

protein Refseq

NP_001229

MIM

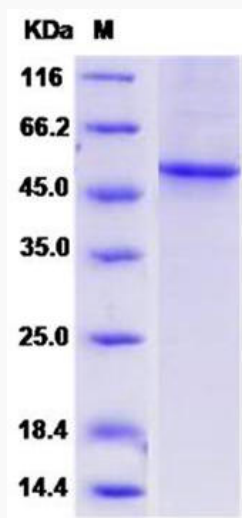
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SDS-PAGE



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