

Active Recombinant Human CCNE1 protein, His-tagged

Cat. No. CCNE1-3075H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CCNE1 protein(NP_001229.1) (Met 1-Ala 410) was expressed in Insect Cells, with a polyhistidine tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-410 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.5, 10% glycerol.
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 CDK4, The EC50 of biotinylated human CDK4 is 0.10-0.32 µg/ml.
Molecular Mass	The recombinant human CCNE1 consists of 429 amino acids and predicts a molecular mass of 49.3 kDa. It migrates as an apximately 47 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

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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

123837

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