

Datasheet for ABIN7553017

Cyclin E1 Protein (CCNE1) (AA 1-410) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Cyclin E1 (CCNE1)
Protein Characteristics:	AA 1-410
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cyclin E1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CCNE1 Protein expressed in mammalian cells.
Sequence:	MPRERRERDA KERDTMKEDG GAEFSARSRK RKANVTVFLQ DPDEEMAKID RTARDQCGSQ PWDNNAVCAD PCSLIPTPK EDDDRVYPNS TCKPRIIAPS RGSPLPVLWS ANREEVWKIM LNKEKTYLRD QHFLEQHPLL QPKMRAILLD WLMEVCEVYK LHRETFYLAQ DFFDRYMATQ ENVVKTLLQL IGISSLFIAA KLEEIYPPKL HQFAYVTDGA CSGDEILTME LMIMKALKWR LSPLTIVSWL NVYMQVAYLN DLHEVLLPQY PQQIFIQIAE LLDLCVLDVD CLEFPYGILA ASALYHFSSS ELMQKVSGYQ WCDIENCVKW MVPFAMVIRE TGSSCLKHFR GVADEDAHNI QTHRDSL DLL DKARAKKAML SEQNRASPLP SGLLTPPQSG KKQSSGPEMA Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Product Details

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

Cyclin E1 (CCNE1)

Alternative Name:

CCNE1 ([CCNE1 Products](#))

Background:

G1/S-specific cyclin-E1,FUNCTION: Essential for the control of the cell cycle at the G1/S (start) transition. {ECO:0000269|PubMed:7739542}.

Molecular Weight:

47.1 kDa

UniProt:

[P24864](#)

Pathways:

[Cell Division Cycle](#), [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Nuclear Hormone Receptor Binding](#), [Mitotic G1-G1/S Phases](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions:

For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months