

Product datasheet

Recombinant Human Cyclin E1 protein ab119719

1 Image

Description

<b>Product name</b>	Recombinant Human Cyclin E1 protein
<b>Purity</b>	> 90 % SDS-PAGE. Purity tested by densitometry. Affinity purified.
<b>Expression system</b>	Baculovirus infected Sf9 cells
<b>Accession</b>	<a href="#">P24864</a>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Predicted molecular weight</b>	73 kDa including tags
<b>Amino acids</b>	1 to 410

Specifications

Our [Abpromise guarantee](#) covers the use of **ab119719** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	Western blot SDS-PAGE
<b>Form</b>	Liquid

Preparation and Storage

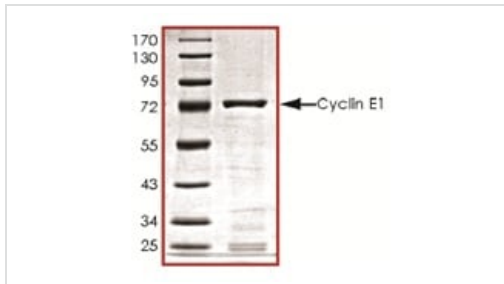
<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.31% Glutathione, 0.002% PMSF, 0.003% DTT, 0.79% Tris HCl, 0.003% EDTA, 25% Glycerol (glycerin, glycerine), 0.88% Sodium chloride
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General Info

<b>Function</b>	Essential for the control of the cell cycle at the G1/S (start) transition.
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<b>Tissue specificity</b>	Highly expressed in testis and placenta. Low levels in bronchial epithelial cells.
<b>Sequence similarities</b>	Belongs to the cyclin family. Cyclin E subfamily.
<b>Post-translational modifications</b>	Phosphorylation of Thr-395 by GSK3 and of Ser-399 by CDK2 accelerates degradation via the ubiquitin proteasome pathway. Phosphorylated upon DNA damage, probably by ATM or ATR.
<b>Cellular localization</b>	Nucleus.

## Images



SDS Page analysis of ab119719

SDS-PAGE - Recombinant Human Cyclin E1 protein  
(ab119719)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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