

Product datasheet

Recombinant human CDK2 + CCNE1 protein (ab85639) ab85639

[3 References](#) [5 Images](#)

Description

Product name	Recombinant human CDK2 + CCNE1 protein (ab85639)
Biological activity	The Specific activity of ab85639 was determined to be 404 nmol/min/mg.
Purity	> 90 % SDS-PAGE. Purity was determined to be >90% by densitometry. Affinity purified.
Expression system	Baculovirus infected Sf9 cells
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Amino Acid Sequence 1	
Species	Human
Tags	GST tag N-Terminus
Amino Acid Sequence 2	
Species	Human
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab85639** in the following tested applications.

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

Applications	Western blot Functional Studies SDS-PAGE
Form	Liquid
Additional notes	<u>ab89813</u> (Histone H1 protein) can be utilized as a substrate for assessing kinase activity

Preparation and Storage

Stability and Storage

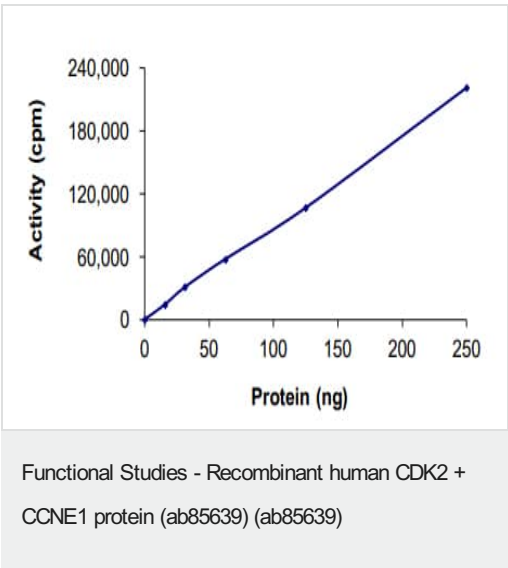
Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
pH: 7.50
Constituents: 0.0038% EGTA, 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 0.00292% EDTA, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride
This product is an active protein and may elicit a biological response in vivo, handle with caution.

General Info

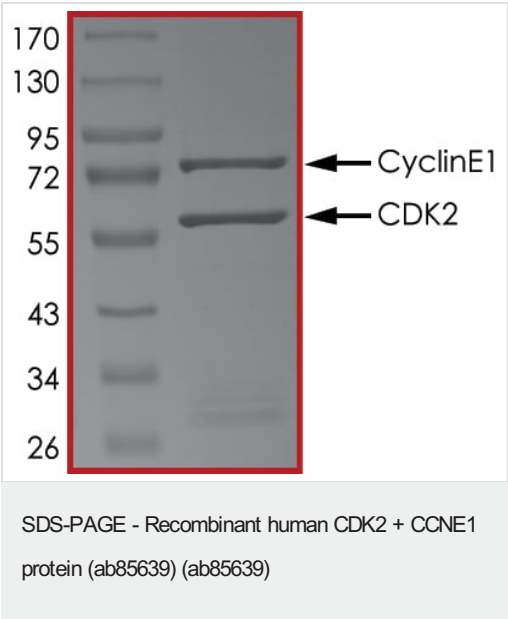
Cellular localization

Cyclin E1: Nucleus.

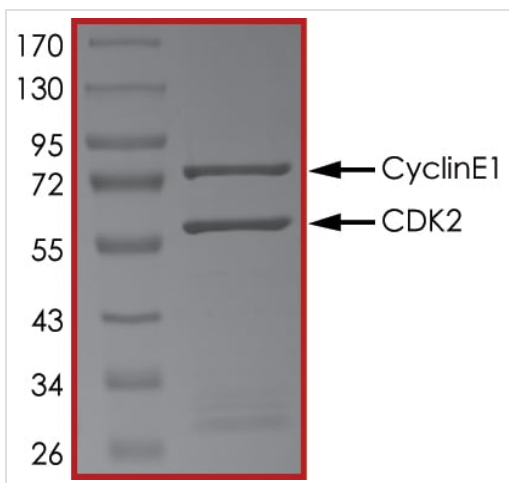
Images



The specific activity of CDK2 + CCNE1 (ab85639) was determined to be 345 nmol/min/mg as per activity assay protocol

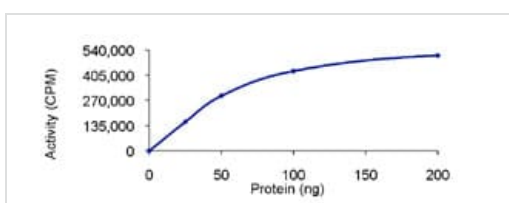


SDS PAGE analysis of ab85639



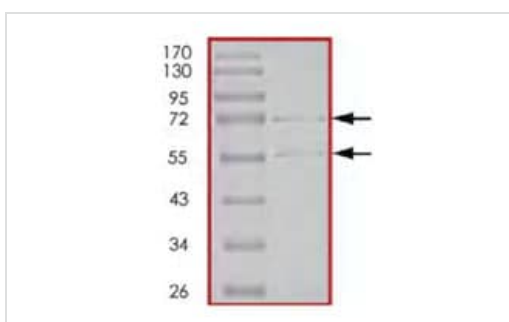
SDS PAGE analysis of ab85639

SDS-PAGE - Recombinant human CDK2 + CCNE1 protein (ab85639) (ab85639)



The Specific activity of ab85639 was determined to be 404 nmol/min/mg.

Functional Studies - Recombinant human CDK2 + CCNE1 protein (ab85639) (ab85639)



SDS-PAGE showing ab85639 at approximately 58kDa (CDK2) and 73kDa (CCNE1).

SDS-PAGE - Recombinant human CDK2 + CCNE1 protein (ab85639) (ab85639)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery

- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors