abcam

Product datasheet

Recombinant Human CSNK2A1 protein ab85981

1 References 1 Image

Description

Product name Recombinant Human CSNK2A1 protein

Purity > 90 % SDS-PAGE.

ab85981 was purified using conventional chromatography techniques.

Expression system Escherichia coli

Protein length Full length protein

Animal free No

Nature Recombinant

Species Human

Sequence MGSSHHHHHH SSGLVPRGSH MSGPVPSRAR

VYTDVNTHRP REYWDYESHV VEWGNQDDYQ

LVRKLGRGKY SEVFEAINIT NNEKVVVKIL KPVKKKKIKR EIKILENLRG GPNIITLADI VKDPVSRTPA LVFEHVNNTD FKQLYQTLTD YDIRFYMYEI LKALDYCHSM GIMHRDVKPH

NVMIDHEHRK LRLIDWGLAE FYHPGQEYNV RVASRYFKGP ELLVDYQMYD YSLDMWSLGC

MLASMIFRKE PFFHGHDNYD QLVRIAKVLG TEDLYDYIDK

YNIELDPRFN DILGRHSRKR WERFVHSENQ HLVSPEALDF LDKLLRYDHQ SRLTAREAME HPYFYTVVKD QARMGSSSMP GGSTPVSSAN MMSGISSVPT PSPLGPLAGS PVIAAANPLG

MPVPAAAGAQ Q

Specifications

Our $\underline{Abpromise\ guarantee}$ covers the use of ab85981 in the following tested applications.

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

Applications SDS-PAGE

Form Liquid

Additional notes This product was previously labelled as CKII alpha

Preparation and Storage

1

Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.0154% DTT, 0.242% Tris, 50% Glycerol (glycerin, glycerine), 2.9% Sodium

chloride

General Info

Function Casein kinases are operationally defined by their preferential utilization of acidic proteins such as

caseins as substrates. The alpha and alpha' chains contain the catalytic site. Participates in Wnt

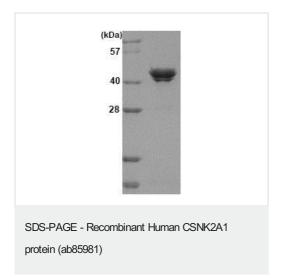
signaling. CK2 phosphorylates 'Ser-392' of p53/TP53 following UV irradiation.

Sequence similarities

Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. CK2 subfamily.

Contains 1 protein kinase domain.

Images



15% SDS-PAGE showing ab85981 at approximately 47.3kDa.

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