

Datasheet for ABIN7557345
CKAP2 Protein (AA 1-664) (His tag)



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Overview

Quantity:	1 mg
Target:	CKAP2
Protein Characteristics:	AA 1-664
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CKAP2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Ckap2 Protein expressed in mammalian cells.
Sequence:	MAESRKRLFG RAARNPLPVT RDLQLPPTRR DQPAFREQRK QKLKEYLLIR KTVFPYKQEN QISRDQKMIT SEDRVQEGKK VVCLKTEVAD KENIESTVEK NCIPLKAGEV TSSEIHNSKD NVQAVQLLST RDDLPGQTVT LDPACHHKDN KKMQMATAEKP KQDSNVSKKR VLGYYHGQIV QSKINSFRKL PSVKGESLTT TKKLPTTVSK AMKAQSEPAN TVSVKASTTA AATKFADAKP VSTASKDTLV RPIIRSLHSS SHGAAKQGLS RPLANVTVRK GMLDKESHRS EPVVSVKAG SSQAPRSIA SKDAARTDSS NTRLMVKPKD TDQRRYTIAG ASVHRSALQLK DTTAERKAQM TEWRTGKGKG LKRPPHSVVT QAEPKGQSEN PVGSFWTTMA EEDEQRLFTE KVNKTISECL NLINEGCPKE EILATLNDLI HNIPDAKKLV KYWICLVRIE PITSPIENII SIYEKILAG AQPIEEMRHI IIDILTTKSQ EKVNLGENIE EAHATKEPIQ EVNADANVGS GKPGEENEHH GKVEVYEDDQ DNKIKDPDLT TPDSKTEAGC IIRYNVSSTP RLQSMKKMQH DKNSTLKEK FLTPVRRSRR IQDKTSRLPA MLKDHDPVS SLEQLSELGG DAFVCRPNAA LCPLFFETDV AEEE Sequence without tag. The proposed Purification-Tag is based on experiences with the expression

Product Details

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.

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: CKAP2

Alternative Name: Ckap2 ([CKAP2 Products](#))

Background: Cytoskeleton-associated protein 2,FUNCTION: Possesses microtubule stabilizing properties. Involved in regulating aneuploidy, cell cycling, and cell death in a p53-dependent manner. {ECO:0000269|PubMed:15504249, ECO:0000269|PubMed:16061649}.

Molecular Weight: 74.0 kDa

UniProt: [Q3V1H1](#)

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
