

Datasheet for ABIN7546585
CKAP4 Protein (AA 1-602) (His tag)



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Overview

Quantity:	1 mg
Target:	CKAP4
Protein Characteristics:	AA 1-602
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CKAP4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CKAP4 Protein expressed in mammalian cells.
Sequence:	<p>MPSAKQRGSK GGHGAASPSE KGAHPSSGGAD DVAKKPPPAP QQPPPPAPH PQQHPQQHPQ NQAHGKGGHR GGGGGGKSS SSSASAAAA AAAASSASC SRRLGRALNF LFYLALVAAA AFSGWCVHHV LEEVQQVRRS HQDFSRQREE LGQGLQGVEQ KVQSLQATFG TFESILRSSQ HKQDLTEKAV KQGESEVSRI SEVLQKLQNE ILKDLSDGIH VVKDARERDF TSENTVEER LTELTKSIND NIAIFTEVQK RSQKEINDMK AKVASLEESE GNKQDLKALK EAVKEIQTSA KSREWDMEAL RSTLQTMESD IYTEVRELVS LKQEQQAFKE AADTERLALQ ALTEKLLRSE ESVSRLPEEI RRLEEELRQL KSDSHGPKED GGFRHSEAFE ALQKKSQGLD SRLQHVEDGV LSMQVASARQ TESLESLLSK SQEHEQRLAA LQGRLEGLGS SEADQDGLAS TVRSLGETQL VLYGDVEELK RSVGELPSTV ESLQKVQEQV HTLLSQDQAQ AARLPPQDFL DRLSSLDNLK ASVSQVEADL KMLRTAVDSL VAYSVKIETN ENNLESAGKL LDDLRLNLDLDR LFKVKEKIHE KV</p> <p>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.</p>

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: CKAP4

Alternative Name: CKAP4 ([CKAP4 Products](#))

Background: Cytoskeleton-associated protein 4 (63- kDa cytoskeleton-linking membrane protein) (Climp-63) (p63),FUNCTION: Mediates the anchoring of the endoplasmic reticulum to microtubules. {ECO:0000269|PubMed:15703217}., FUNCTION: High-affinity epithelial cell surface receptor for the FZD8-related low molecular weight sialoglycopeptide APF/antiproliferative factor. Mediates the APF antiproliferative signaling within cells. {ECO:0000269|PubMed:17030514, ECO:0000269|PubMed:19144824}.

Molecular Weight: 66.0 kDa

UniProt: [Q07065](#)

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