

Datasheet for ABIN7558146

Centaurin beta 2 Protein (AA 1-770) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Centaurin beta 2 (ACAP2)
Protein Characteristics:	AA 1-770
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Centaurin beta 2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Acap2 Protein expressed in mammalian cells.
Sequence:	MKMTVDFEEC LKDSPRFRAA LEEVEGDVAE LELKLDKLVK LCIAMIDTGK AFCVANKQFM NGIRDLAQYS SNDAVVETSL TKFSDSLQEM INFHTILFDQ TQRSIKAQLQ NFKEDLRKF KDAKKQFEKV SEEKENALVK NAQVQRNKQH EVEEAANILT ATRKCFRHIA LDYVLQINVL QSKRRSEILK SMLSFMYAHL AFFHQGYDLF SELGPYMKDL GAQLDRLVVD AAKEKREMEQ KHSTIQKDF SSDDSKLEYN VDAANGIVME GYLFKRASNA FKTWNRRWFWS IQNNQLVYQK KFKDSPTVVV EDLRLCTVKH CEDIERRFCF EVVSPTKSCM LQADSEKLRQ AWIKAVQTSI ATAYREKGDE SEKLDKKSSP STGSLDSGNE SKEKLLKGES ALQRVQCIPG NTSCCDCGLA DPRWASINLG ITLCIECSGI HRSLGVHFSK VRSLTLDTWE PELLKLMCEL GNDVINRVYE AKLEKMGVKK PQPGQRQEKE AYIRAKYVER KFVDKYSALL SPSEQEKRII SKSCEDQRLS HARASVHTPV KSNDSGIQQC SEDGRESLPS TVSANSLYEP EGERQESSVF LDSKHLNPG QLYRASYEKN LPKMAEALAH GADVNWANS D ENQATPLIQA VLGGS�VTCE FLLQNGANVN QRDVQGRGPL HHATVLGHTG QVCLFLKRG A NQHATDEEGK DPLSIAVEAA NADIVTLLRL

Product Details

ARMNEEMRES EGLYGQPGDE TYQDIFRDFS QMASNNPEKL NRFQQDSQKF **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. 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: Centaurin beta 2 (ACAP2)

Alternative Name: Acap2 ([ACAP2 Products](#))

Background: Arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 2 (Centaurin-beta-2) (Cnt-b2),FUNCTION: GTPase-activating protein (GAP) for ADP ribosylation factor 6 (ARF6). {ECO:0000250|UniProtKB:Q15057}.

Molecular Weight: 87.2 kDa

UniProt: [Q6ZQK5](#)

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
