

Datasheet for ABIN7548537
IQCA1 Protein (AA 1-822) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	IQCA1
Protein Characteristics:	AA 1-822
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IQCA1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat IQCA1 Protein expressed in mammalian cells.
Sequence:	<p>MSNAMYNKMW HQTQEALGAL LDKEPQKMIE PQRNQVFIFQ TLATFYVKYV QIFRNLEENVY DQFVHPQKRI LIRKVLGDGVM GRILELKNEM VELELTFEHY FDDILQDLKL APQQLDIP KYFLKEKLEV IKGREKILAQ ILADSGIDTS DMKYPVKSIP FDEAVKLIQI AERARQGRLR ALFMKQIYLQ EYRAKQSKML GKKVTDTWAA ALRIQKVWRR FHQRKETEKL REEEMIFLGM NPPPLFNEVS ATVIQAEKVD RLRNEVQIKH EEDYREALVT IKNDLKLIEG VDIKENLQDQ IRHWFIECRN LTGTFFPDYPD VEEGSAIIF SDKTIQQVIE DIIANQEEEE KNKKKKKKKKE KQPKKAKKQK KGTKEKNKEE DEKWKMSPSL FLPAMKEGCN AYKEIWMKKD ESWNFSQDYD PELIKEEKRK ELQSEIRIQV DELMRQELKN LKLAVDRERE RPKVAGKKKD KKGKKGKKKE KKAKKDKDLT ADRTIESLYK ELVEEGLLIQ ALKVNLSYI GEYSYLGTTL RQVSIEMPS LLDVRQLITL YGIWPLGSAA VHEKAPLVKS LLLAGPSGVG KKMLVHAICT ETGANLNFNLS SSNIAGKYPG KNGLQMMLHA VFKVARQLQP SVVWIEDTEK TFYKKVPNAE KMNEPKRLKK</p>

Product Details

HLPQILKLLK PDDRILIVGT TRRPFDAELQ SFCKVYQKII LVPRPDYASR YVLWKQIIER
NGGVLTSALN VSCLAKVTDG FTQGHIVEVV KGVLTQQRIR RQIHKPLTAV EFITAITSMN
PVYKEEEESF KNWYAKTPLG KKRALAITGG STEKAKDKGK RK **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.**

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, Western Blot

Grade:

custom-made

Target Details

Target:

IQCA1

Alternative Name:

IQCA1 ([IQCA1 Products](#))

Background:

Dynein regulatory complex protein 11 (IQ and AAA domain-containing protein 1),FUNCTION: Component of the nexin-dynein regulatory complex (N-DRC), a key regulator of ciliary/flagellar motility which maintains the alignment and integrity of the distal axoneme and regulates microtubule sliding in motile axonemes. {ECO:0000250|UniProtKB:A8IHT2}.

Molecular Weight:

95.3 kDa

UniProt:

[Q86XH1](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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
