

Datasheet for ABIN7560647
IQCA1 Protein (AA 1-857) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	IQCA1
Protein Characteristics:	AA 1-857
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IQCA1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Iqca1 Protein expressed in mammalian cells.
Sequence:	MSNLMYNKMW HQTQEALNSL LDKEFQKMSE PQANKVLVFQ MLATFYINYV QIFRNMENVY DQIVHPQRM LIRKVLGVM GRILELKNEM VELEMTEFHY FDDILQDLKL SPQQLDVPIPI RYFLKERLEV IKGREKILAR ILTECGLNLP VKYAAKSIAL EEAVKLIQIA ERARQGRLRA LFMKQIFLQE CRAKEMKLLG HRLDCLKLAA LQIQKVWRGF HQCKKTVKER EEEMVFLGMK PSPLFNEVSD AIVQSKQVTN LRDEVQLKHE QDYQEALVNI KEDLKMLEGP DIKEHLQDQI RQWFIECRNL TGTFPDYPNE EDGGSALIFS NKTPEQVMGD IIATQEEEEK LKKKKKKKEDK ENKGGKGGKKE KKEKKEKKVS LKEKAMKDED EEWKMSPSLF LQLMEEGNSL YKDIWLNKDE SWNFPQDYDP ELIKEEKRKE LEMEIRVQVD ELMRQELKNL KLAVNREMEI PPRQKKGKKE QTIVFPREVF GNPRVALVSL HIRALWGISY LSFNNGTIES LYQELVEKGL LIQALKVNLS DYIGEYSYLG TTLRQVAIEP MPSLLDVRQL ITLYGILPLG SAEVHERAPL VKSLLLAGPS GVGKKMLVHA ICTETGANLF NLSALNIAGK YPGKTGLQMM IHLVFKVARQ LQPSVWVIQD TEKTFYKKVP QAEKRFEPKR LKRYLPKLLK LLKPDDRILI VGTTHRPFDA ELQPFRCRVYQ

Product Details

KIILVPRPDY ASRYGKFHEV LWKEILRNG GKLTNLSNIS CLSKVTDGFT QGQIVQVIKD
VLTERRLRQQ AHKPLTAIEF ITMMTNMNPV YREEEESFKN WYAKTPLGKK RVLSLTVGNK
EKEKDKGKKG KRGKKKK **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: 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: 99.9 kDa

Target Details

UniProt: [Q9CUL5](#)

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