

Datasheet for ABIN7560917
ARMC9 Protein (AA 1-817) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ARMC9
Protein Characteristics:	AA 1-817
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARMC9 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Armc9 Protein expressed in mammalian cells.
Sequence:	<p>MGDILAHESI LLGLVKEYLD FAEFEDTLKT FSKECKVKGK PLCKNVGGPL KKDSKSLVIQ RDLVAAFDSG DQKAFFDLWE GHIPSSVRDT DSLAQKLEFY LHIHFAYLL KYCRGRPKQ ELDKRISYFK TYLETKGAAL SQTTEFLPFY ALPFVNPMPV HPSFKELFQD SWTPELKLKL EKFLALTFKA NNTPKLLTIY KENGPNSKEL LQQLHQQLVE AERRAMTYLK RYNKIQADYH NLIGVTAELV DSLEATVSGK MITPEYLQSV CVRLFNSQMR QSLAHSVDFTRPGTASTMLR ASLAPEKLDK VPLLPSLDYE KLKDLIWSG DRLKAFLLQA LRWRLTTSHP GEQRETVLQA YISNDLLDCH SHNQRSVLQL LHSKSEAVRQ YMARLINALA SLAEGRLYLA QNTKVLRLME GRLKEEDKDV ITRENVLGAL QKFSLRRPLQ TAMIRDGLIF WLIDLLKDPD CLSDYTYLEYS VALLMNLCLR SAGKNMCAKV AGLMLKVLSD LLGHENHEIQ PYVNGALYSI LSIPSIREEA RAMGMEDILR CFIKEGNAEM IRQIEFIKQ LNSEDLLDGV LESDDDEDED DEEDHDIMEA DLDKDELIQP QLGELSGEKL LTTEYLGIMT NTGKARRKGP ASVQWSGDEP LRRPVTPGGH RTGCPVLGDH LISPQNAQQA RINGCLRAMPV AHPDDYKEGK PGVTGCGTSS SFMDHKPREW</p>

Product Details

SPAGHQKSRL VPTAALGWPR EMTQDPSSGH ITREFVPAFT CKPQVPSTPE TVEQNPLKAK
ALSLAPQFSS SGPQQASRPA STASSTRGLH SSQSIRK **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: ARMC9

Alternative Name: Armc9 ([ARMC9 Products](#))

Background: LisH domain-containing protein ARMC9,FUNCTION: Involved in ciliogenesis (By similarity). It is required for appropriate acetylation and polyglutamylation of ciliary microtubules, and regulation of cilium length (By similarity). Acts as a positive regulator of hedgehog (Hh) signaling (PubMed:29459677). May participate in the trafficking and/or retention of GLI2 and GLI3 proteins at the ciliary tip (PubMed:29459677). {ECO:0000250|UniProtKB:E7F187, ECO:0000250|UniProtKB:Q7Z3E5, ECO:0000269|PubMed:29459677}.

Target Details

Molecular Weight: 91.9 kDa

UniProt: [Q9D2I5](#)

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