

Datasheet for ABIN7552244
ARMC3 Protein (AA 1-872) (His tag)



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Overview

Quantity:	1 mg
Target:	ARMC3
Protein Characteristics:	AA 1-872
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARMC3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ARMC3 Protein expressed in mammalian cells.
Sequence:	MGKKIKKEVE PPPKDVFDPL MIESKKAATV VLMLNSPEEE ILAKACEAIY KFALKGEENK TTLLELGAVE PLTKLLTHED KIVRRNATMI FGILASNNDV KKLLRELDVM NSVIAQLAPE EEVIHEFAS LCLANMSAEY TSKVQIFEHG GLEPLIRLLS SPDPDVKKNS MECIYNLVQD FQCRAKLQEL NAIPPILDLL KSEYPVIQLL ALKTLGVIAN DKESRTMLRD NQGLDHЛИKI LETKELNDLH IEALAVIANC LEDMDTMVQI QQTGGLKKLL SFAENSTIPD IQKNAAKAIT KAAYPDENRK LFHEQEVEKC LVALLGSEND GTKIAASQAI SAMCENSGSK DFFNMQGIPQ LIQLLKSDNE EVREAAALAL ANLTTCNPAN ANAAAADGI DPLINLLSSK RDGAIANAAT VLTNMAMQEP LRLNIQNHDИ MHAISPLRS ANTVVQSKAA LAVTATACDV EARTELRNSG GLEPLVELLR SKNDEVKHA SWAVMVCAGD ELTANELCRL GALDILEEVN VSGTRKNKFS EAAYNKLLNN NLSLKYSQTG YLSSSNIIND GFYDYGRINP GTKLLPLKEL CLQEPSDLRA VLLINSKSYV SPPSSMEDKS DVGYGRSIS SSSLRRSSKE KNKNSYHFS AGFGSPIEDK SEPASGRNTV LSKSATKEKG WRKSKGKKEE EKVKEEEVМ VPKFVGEKS SDKEWCPPSD

Product Details

PDFSMYVYEV TKSILPITNI KEQIEDLAKY VAEKMGGKIP KEKLPDFSWE LHISELKFQL
KSNVIPIGHV KKGIFYHRAL LFKALADRIG IGCSLVRGEY GRAWNEVMLQ NDSRKGVIGG
LPAPEMYVID LMFHPGGLMK LRSREADLYR FI **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: ARMC3

Alternative Name: ARMC3 ([ARMC3 Products](#))

Background: Armadillo repeat-containing protein 3 (Beta-catenin-like protein) (Cancer/testis antigen 81) (CT81) (KU-CT-1),FUNCTION: Essential for male fertility and sperm motility (By similarity). During spermatogenesis, promotes the autophagic degradation of excessive ribosomes, providing energy resources for mitochondria and thus ensuring sperm flagellar motility (PubMed:34428398). {ECO:0000250|UniProtKB:A2AU72, ECO:0000269|PubMed:34428398}.

Target Details

Molecular Weight: 96.4 kDa

UniProt: [Q5W041](#)

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