

Datasheet for ABIN7561958

ARMC3 Protein (AA 1-881) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ARMC3
Protein Characteristics:	AA 1-881
Origin:	Mouse
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 PPPKDVFDPI TIESKKAATV VLMLKSPEED ILAKACEAIY KFALKGEENK ATLLELGAVE PLTKLLTHED KTVRRNAMMI FGILASNSDV KKLLRELEVMSNVIAQLSPE EEVVIHEFAS LCLANMSVEY TGKVQIFEHG GLEPLIRLLS SSDPDVKKNS IECIYNLVQD FQCRTTLQEL NAIPPILELL RSEYPPIQLL ALKTLGVITC DKEARTMLKE NQGLDHLTKI LETKELNDLH VEALSVIANC LEDMDTMVLM QQTGSLKKVL SFAESSTIPD IQKNAAKAIA KAAYDPENRK VFHEQEVEKC LVTLLGSDSD GTKIAASQAI SALCENLSCK EFFNTQGIPQ IVQLLRSDNE EVREAAALAL ANLTSSPAN ANAAAEADAI DPLINILSSK RDGAIANAAT VLTNMATQEP LRAIQNHEI MHALLGPLHS TNTLVQSTAA LTVAATACDV EARTQLRNCG GLVPLVGLLH SKNDEVRRHA SWAVMVCAGD EPMAVELCRL GALNILEEIN RSLSRKNKFS EAAYNKLLNN NLSLKYSQTG YLSSSNIISD GFYDYGRINP GTKLLSLKEL CLQELNDQRA ILLVNNKSDT SPPPSMEDKS SDVG YGRSIS SSSSLRRGSK EKANAIFGSP TEEKSEPASV RNTILSRAFT KEKGVSKKKS RLQLICSSYL LWKGKGKKEE EKVKEEEEIL ALPKFTEGSP

Product Details

EKEWNPPDP EFCVYVLEVT KSILPIVNLK EQIEVLAKYV ADKMGGKIPK EKLADFSWEL
HISELKFQLK SNVPIGYIK KGIFYHRALL FKALADKIGV GCSLVRGEYS RGWNEVKLVN
EARKGMIGNL PPPEEYIVDL MFHPGNLLKL RSKEADLYRF L **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, FUNCTION: Essential for male fertility and sperm motility. During spermatogenesis, promotes the autophagic degradation of excessive ribosomes, providing energy resources for mitochondria and thus ensuring sperm flagellar motility. {ECO:0000269|PubMed:34428398}.

Target Details

Molecular Weight: 97.4 kDa

UniProt: [A2AU72](#)

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