

Datasheet for ABIN7552406
ARMC5 Protein (AA 1-935) (His tag)



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Overview

Quantity:	1 mg
Target:	ARMC5
Protein Characteristics:	AA 1-935
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARMC5 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ARMC5 Protein expressed in mammalian cells.
Sequence:	MAAAKPTLTD SLSFCLAQLA AAAGEALGGE KDPATNETPL SRALLALRTR HIKAAGGIER FRARGGLRPL LALLRRAAAA GSAPSQAGPG SAPSSAASGA SSPAPASGPA PSAVSSSSPT PPVRLRKTLD LALSILADCC TEGACRTEVR RLGILPLVT ILQCMKTD SI QNRTARALGN LAMEPESCGD IHCAGAVPLL VESLTACQDS QCLQSVVRL RNLADSPQHR LALAQQGAVR PLAELLATAP DAALTLALVR ALLELSRGCS RACAEQLSLG GGLGPLVSLA SHPKRAVREG TILILANLCA QGLIRPALGN AGGVEVLVDE LRQRDPNGA SPTSQQPLVR AVCLLCREAI NRARLRDAGG LDLLMGLLRD PRASAWHPRI VAALVGFLYD TGALGRLQAL GLVPLLAGQL CGEAGEEEEE GREASWDFP EERTPERAQQ GSFRSLRSLW ISEGYATGPD DISPDWSPEQ CPPEPMEPAS PAPTPTSLRA PRTQRTPGRS PAAAIIEEPWG REGPALLLLS RFSQAPDPSG ALVTGPALYG LLTYVTGAPG PPSPRALRIL SRLTCNPAEL EAFVRSYGAA LLRAWLVLGV APDDWPAPRA RPTLHSRHRE LGERLLQNLV VQAESPFVGV ALTHLLLSGS PEDRVACALT LPFICRKPSL WRLLLEQGG LRLLLAALTR PAPHPLFLFF AADSLSCLQD LVSPTVSPAV

Product Details

PQAVPMDLDS PSPCLYEPLL GPAPVPAPDL HFLLD SGLQL PAQRAASATA SPFFRALLSG
SFAEAQMDLV PLRGLSPGAA WPVLHHLHGC RGCGAALGPV PPPGQPLLGS EAEAELEAAG
RFLLPGLEEE LEEAVGRIHL GPQGGPESVG EVFRLGRPRL AAHCARWTLG SEQCPRKRGL
ALVGLVEAAG EEAGPLTEAL LAVVMGIELG ARVPA **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: ARMC5

Alternative Name: ARMC5 ([ARMC5 Products](#))

Background: Armadillo repeat-containing protein 5,FUNCTION: Involved in fetal development, T-cell function and adrenal gland growth homeostasis (By similarity). Negatively regulates adrenal cells survival. Plays a role in steroidogenesis, modulates steroidogenic enzymes expression and cortisol production (PubMed:24283224, PubMed:28676429).

Target Details

{ECO:0000250|UniProtKB:Q5EBP3, ECO:0000269|PubMed:24283224,
ECO:0000269|PubMed:28676429}.

Molecular Weight: 97.7 kDa

UniProt: [Q96C12](#)

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