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ARMC4 Protein (AA 1-1044) (His tag)



Image



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Overview

Quantity:	1 mg
Target:	ARMC4
Protein Characteristics:	AA 1-1044
Origin:	Human
Source:	Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARMC4 protein is labelled with His tag.
Application:	ELISA, Western Blotting (WB), Crystallization (Crys), SDS-PAGE (SDS)

Product Details

Sequence:

MGVALRKLTQ WTAAGHGTGI LEITPLNEAI LKEIIVFVES FIYKHPQEAK FVFVEPLEWN
TSLAPSAFES GYVVSETTVK SEEVDKNGQP LLFLSVPQIK IRSFGQLSRL LLIAKTGKLK
EAQACVEANR DPIVKILGSD YNTMKENSIA LNILGKITRD DDPESEIKMK IAMLLKQLDL
HLLNHSLKHI SLEISLSPMT VKKDIELLKR FSGKGNQTVL ESIEYTSDYE FSNGCRAPPW
RQIRGEICYV LVKPHDGETL CITCSAGGVF LNGGKTDDEG DVNYERKGSI YKNLVTFLRE
KSPKFSENMS KLGISFSEDQ QKEKDQLGKA PKKEEAAALR KDISGSDKRS LEKNQINFWR
NQMTKRWEPS LNWKTTVNYK GKGSAKEIQE DKHTGKLEKP RPSVSHGRAQ LLRKSAEKIE
ETVSDSSSES EEDEEPPDHR QEASADLPSE YWQIQKLVKY LKGGNQTATV IALCSMRDFS
LAQETCQLAI RDVGGLEVLI NLLETDEVKC KIGSLKILKE ISHNPQIRQN IVDLGGLPIM
VNILDSPHKS LKCLAAETIA NVAKFKRARR VVRQHGGITK LVALLDCAHD STKPAQSSLY
EARDVEVARC GALALWSCSK SHTNKEAIRK AGGIPLLARL LKTSHENMLI PVVGTLQECA
SEENYRAAIK AERIIENLVK NLNSENEQLQ EHCAMAIYQC AEDKETRDLV RLHGGLKPLA

SLLNNTDNKE RLAAVTGAIW KCSISKENVT KFREYKAIET LVGLLTDQPE EVLVNVVGAL
GECCQERENR VIVRKCGGIQ PLVNLLVGIN QALLVNVTKA VGACAVEPES MMIIDRLDGV
RLLWSLLKNP HPDVKASAAW ALCPCIKNAK DAGEMVRSFV GGLELIVNLL KSDNKEVLAS
VCAAITNIAK DQENLAVITD HGVVPLLSKL ANTNNNKLRH HLAEAISRCC MWGRNRVAFG
EHKAVAPLVR YLKSNDTNVH RATAQALYQL SEDADNCITM HENGAVKLLL DMVGSPDQDL
QEAAAGCISN IRRLALATEK ARYT

Sequence without tag. Tag location is at the discretion of the manufacturer. If you have a special request, please contact us.

Characteristics:

- Made in Germany from design to production by highly experienced protein experts.
- Human ARMC4 Protein (raised in Insect Cells) purified by multi-step, protein-specific process to ensure crystallization grade.
- 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 will ensure that you receive a correctly folded protein.

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.

In the unlikely event that the protein cannot be expressed or purified we do not charge anything (other companies might charge you for any performed steps in the expression process for custom-made proteins, e.g. fees might apply for the expression plasmid, the first expression experiments or purification optimization).

When you order this made-to-order protein you will only pay upon receival of the correctly folded protein. With no financial risk on your end you can rest assured that our experienced protein experts will do everything to make sure that you receive the protein you ordered. The concentration of our recombinant proteins is measured using the absorbance at 280nm. The protein's absorbance will be measured in several dilutions and is measured against its specific reference buffer.

The concentration of the protein is calculated using its specific absorption coefficient. We use the Expasy's protparam tool to determine the absorption coefficient of each protein.

Purification:

Two step purification of proteins expressed in baculovirus infected SF9 insect cells:

- 1. In a first purification step, the protein is purified from the cleared cell lysate using three different His-tag capture materials: high yield, EDTA resistant, or DTT resistant. Eluate fractions are analyzed by SDS-PAGE.
- Protein containing fractions of the best purification are subjected to second purification step through size exclusion chromatography. Eluate fractions are analyzed by SDS-PAGE and Western blot.

Size Exclusion Chromatography and Western Blot.
in a late step of axonemal outer dynein arm assembly.
above we expect the protein to work for functional studies tested for functional studies yet we cannot offer a
nat the recombinant protein with the default tag will be est a higher molecular weight tag (e.g. GST-tag) instead to all possible options with you in detail to assure that you
glycerol. pH value is at the discretion of the manufacturer.
h = :

Unlimited (if stored properly)

Expiry Date:

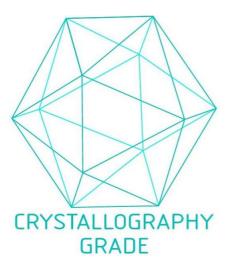


Image 1. "Crystallography Grade" protein due to multi-step, protein-specific purification process