

Datasheet for ABIN3093783

MEGF6 Protein (AA 31-1541) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	MEGF6
Protein Characteristics:	AA 31-1541
Origin:	Human
Source:	Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MEGF6 protein is labelled with His tag.
Application:	Crystallization (Crys), ELISA, SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Sequence:	SVPPRPLLPL QPGMPHVCAE QELTLVGRRQ PCVQALSHTV PVWKAGCGWQ AWCVGHERRT VYYMGYRQVY TTEARTVLRC CRGWMQQPDE EGCLSAECSA SLCFHGGRCV PGSAQPCCHCP PGFQGPRCQY DVDECRTNNG GCQHRVCNTP GSYLCECKPG FRLHTDSRTC LAINSCALGN GGCQHHCVQL TITRHRQCQR PGFQLQEDGR HCVRRSPCAN RNGSCMHRCQ VVRGLARCEC HVG YQLAADG KACEDVDECA AGLAQCAHGC LNTQGSFKCV CHAGYELGAD GRQCYRIEME IVNSCEANNG GCSHGCSHTS AGPLCTCPRG YELDTDQRTC IDVDDCADSP CCQQVCTNNP GGYECGCYAG YRLSADGCGC EDVDECASSR GGCEHHCTNL AGSFQCSCEA GYRLHEDRRG CSPLEPMVD LDGELPFVRP LPHIAVLQDE LPQLFQDDDV GADEEEAELR GEHTLTEKFV CLDDSF GHDC SLTCDDCRNG GTCLLGLDGC DCPEGWTGLI CNETCPPDTF GKNCSFSCSC QNGGTCD SVT GACRCPPGVS GTNCEDGCPK GYYGKHCRKK CNCANRGRCH RLYGACLCDP GLYGRFCHLT CPPWAFGPGC SEECQCVQPH TQSCDKRDGS CCKAGFRGE RCQAECELGY FGPGCWQACT CPVGVACDSV SGECGKRCPA GFQGEDCGQE CPVGTFGVNC SSSCSCGGAP
-----------	--

CHGVTGQCRC PPGRTGEDCE ADCPEGRWGL GCQEICPACQ HAARCDPETG ACLCLPGFVG
SRCQDVCPAG WYGPSQTRC SCANDGHCHP ATGHCSCAPG WTGFSCQRAC DTGHWGPDCS
HPCNCSAGHG SCDASGLCL CEAGYVGPRC EQQCPQGHFG PGCEQRCQCQ HGAACDHVSG
ACTCPAGWRG TFCEHACPAG FFGLDCRSAC NCTAGAACDA VNGSCLCPAG RRGPRCAETC
PAHTYGHNCS QACACFNGAS CDPVHGQCHC APGWMGPSCL QACPAGLYGD NCRHSCLCQN
GGTCDPVSGH CACPEGWAGL ACEKECLPRD VRAGCRHSGG CLNGGLCDPH TGRCLCPAGW
TGDKCQSPCL RGWFGEACAQ RCSCPPGAAC HHVTGACRCP PGFTGSGCEQ ACPPGSFGED
CAQMCQCPGE NPACHPATGT CSCAAGYHGP SCQQRCPPGR YGPGCEQLCG CLNGGSCDAA
TGACRCPTGF LGTDCNLTCP QGRFGPNCTH VCGCGQGAAC DPVTGTCLCP PGRAGVRCER
GCPQNRFGVG CEHTCSCRNG GLCHASNGSC SCGLGWTGRH CELACPPGRY GAACHLECS
HNNSTCEPAT GTCRCGPGFY GQACEHPCPP GFHGAGCQGL CWCQHGAPCD PISGRCLCPA
GFHGHFCERG CEPGSFGEHC HQRCDGCGA PCDPVTGLCL CPPGRSGATC NLDCCRGGQG
PSCTLHCDG GGADCDPVSG QCHCVDGYMG PTCREGGPLR LPENPSLAQG SAGTLPASSR
PTSRSGGPAR H

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 MEGF6 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 receipt 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.

Product Details

	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: <ol style="list-style-type: none">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.2. 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.
Purity:	>95 % as determined by SDS PAGE, Size Exclusion Chromatography and Western Blot.
Sterility:	0.22 µm filtered
Endotoxin Level:	Protein is endotoxin free.
Grade:	Crystallography grade

Target Details

Target:	MEGF6
Alternative Name:	MEGF6 (MEGF6 Products)
Molecular Weight:	159.1 kDa Including tag.
UniProt:	O75095

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Comment:	In cases in which it is highly likely that the recombinant protein with the default tag will be insoluble our protein lab may suggest a higher molecular weight tag (e.g. GST-tag) instead to increase solubility. We will discuss all possible options with you in detail to assure that you receive your protein of interest.
Restrictions:	For Research Use only

Handling

Format:	Liquid
---------	--------

Handling

Buffer:	100 mM NaCL, 20 mM Hepes, 10% glycerol. pH value 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:	Unlimited (if stored properly)