

Datasheet for ABIN7562106
HFM1 Protein (AA 1-1434) (His tag)



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Overview

Quantity:	1 mg
Target:	HFM1
Protein Characteristics:	AA 1-1434
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HFM1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Hfm1 Protein expressed in mammalian cells.
Sequence:	MPKSDDCFFS MDNLFFSSPD ETENFPVKEK SLDWFLPPAP LISEIPDIQE LEEIEESYKL LGKGMKPRML TSNLKIINED TNCISPTQKI HFSYNVHEQD YLNLGGSNNN DMSHVAGKLM YGSSQKYKNH MGAKSPSARS SPGDTKLHDV AEDRQGTSF KKRLSRTCDS EHDYADGS LNLSSHISPV KLTQTKISKE NAWTCSNSKQ KRQYSTNFKF ANDAFSASGI GKDFKAPSF PAASQPHDIQ GITPNGLGSL KAVTEIPAKF RNIFKEFPYF NYIQSKAFDD LLYTDRNFVI CAPTGSGKTV VFELAITRL MEVPLPWLNM KIVYMAPIKA LCSQRFDDWK EKFGPVGLNC KELTGDTVMD DLFEIQHANI IITPEKWDS VTRKWRDNSF IQLVRLFLID EVHVIKDNR GPTLEVVSRR MKTVQSLSRD LESASVPVVR FVAVSATIPN AEDIAEWLSD GERPAVCLKM DESHRPVKLQ KVLGFPCSS SQTEFKFDLA LNYKVYSVIR TYSDQKPTLV FCSTRKGVQQ AASVLVAKDAK FIISVEQKLR LQKSAYSIRD SKLKDTLVYG VGYHHAGMEL SDRKLVLEGLF TSGDLPVLF TSTLAMGMNM PAHLVVIKST MHYSGGVFEE YSETDILQMI GRAGRPFQDT TATAVIMTRL STREKYVQML ACNDTVESSL HRHLIEHLNA EIVLHTITDV NIALDWIRST

MLYIRALKNP SHYGFSSGLN KDGIEAKLQE LCLKNLKDLS SLDLIKMDDED VNFKPTEAGR
LMAWYYITFE TVKKFCAISG KETLLDLISM ISSCNEFLDV QLRISEKRIL NTLNKDPNRI
TIRFPMAERI KTREMKNVCL IQAQLGCIPI QDFALTQDTV KIFRNGSRIA RWLSDFVAAQ
EKKFAVLLNS VILTKCFKCK LWENSKHVSK QLDKIGISLS NTMVNAGLTS FKKIEEANAR
ELELILNRHP PFGTQIKEAV AHLPKYELEV EQIARYSDIK AEILVTIILR NFEQLQTKRT APDFHYATLI
IGDADNQVVF KHKIMDSVLL KSGNWWKKID VKRALISEDL SINLISSDYV GLDIHQKFTV
FYFGPRKFN ETAMERSSET DISHSDYSGR ATATGSSKGM ATCKKPGNRE CHHHCKNKHA
CGHDCCKIGV AQKPEVKESA MSSYLSDLKS RDAVSSLPLA KRLKIQMNS QNVDLKEFGF
TPRPSLSSIS RSEYLNTPEL SILEQRNQE IYGKVQQGPS EYRDKEVLGV NLELGNEVWD
DFDDESLIEV MSLSADAEM AASGFGDTRD SSLGGSKLPF QKSSSRFQRD NSNSFASPPG
KPDAYLRDCS RSSFGLSSVA EIPQRAENAS LANLQERRPL TLSPVIERMC FAHSKTPQS
PKFKEVDIFI GNSGSKKEID LSKYYPDDAA EEMKALLGIF NGIF **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:	HFM1
Alternative Name:	Hfm1 (HFM1 Products)
Background:	Probable ATP-dependent DNA helicase HFM1 (EC 3.6.4.12),FUNCTION: Required for crossover formation and complete synapsis of homologous chromosomes during meiosis. {ECO:0000269 PubMed:23555294}.
Molecular Weight:	161.4 kDa
UniProt:	D3Z4R1

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