

Datasheet for ABIN7554088
HFM1 Protein (AA 1-1435) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	HFM1
Protein Characteristics:	AA 1-1435
Origin:	Human
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:	MLKSNDCFLS LENLFFEKPD EVENHPDNEK SLDWFLPPAP LISEIPDTQE LEEELSHKL LGQEKRPKML TSNLKITNED TNYISLTQKF QFAPPSDKYE QDDLNLGCVG NNDLSHIAGK LTYASQKYKN HIGTEIAPEK SVPDDTKLVN FAEDKGESTS VFRKRLFKIS DNIHGSAYSN DNELDSHIGS VKIVQTEMNK GKSRNYSNSK QKFQYSANVF TANNAFSASE IGEGMFKAPS FSVAFQPHDI QEVTENGLGS LKAVTEIPAK FRSIFKEFPY FNYIQSKAFD DLLYTDRNFV ICAPTGS GKT VVFE LAITRL LMEVPLPWLN IKIVYMAPIK ALCSQRFDDW KEKFGPIGLN CKELTGDTVM DDLFEIQHAH IIMTTPEKWD SMTRKWRDNS LVQLVRLFLI DEVHIVKDEN RGPTLEV VVS RMKTVQSVSQ TLKNTSTAIP MRFVAVSATI PNAEDIAEWL SDGERPAVCL KMDESH RPVK LQKVVLGFPC SSNQTEFKFD LTLNYIASV IQMYSDQKPT LVFCATRKGV QQAASVLVKD AKFIMTVEQK QRLQKYAYSV RDSKLRDILK DGAAYHHAGM ELSDRKVVEG AFTVGDLPVL FTTSTLAMGV NLP AHLVVIK STMHYAGGLF EEYSETDILQ MIGRAGRPOF DTTATAVIMT RLSTRDKYIQ MLACRDTVES SLHRHLIEHL NAEIVLHTIT DVNIAVEWIR

STLLYIRALK NPSHYGFASG LNKDIEAKL QELCLKNLND LSSLDLIKMD EGVNFKPTEA
GRLMAWYYIT FETVKKFYTI SGKETLSDLV TLIAGCKEFL DIQLRINEKK TLNTLNKDPN
RITIRFPMEG RIKTREMKNV CLIQAQLGCI PIQDFALTQD TAKIFRHGSR ITRWLSDFVA
AQEKKFAVLL NSLILAKCFR CKLWENSLHV SKQLEKIGIT LSNAIVNAGL TSFKKIEETD
ARELELILNR HPPFGTQIKE TVMYLPKYEL KVEQITRYSD TTAELVTVI LRNFEQLQTK
RTASDSHYVT LIIGDADNQQ VYLHKITDSV LLKAGSWAKK IAVKRALKSE DLSINLISSE
FVGLDIQQKL TVFYLEPKRF GNQITMQRKS ETQISHSKHS DISTIAGPNK GTTASKKPGN
RECNHLCKSK HTCGHDCCKI GVAQKSEIKE STISSYLSL RNRNAVSSVP PVKRLKIQMN
KSQSVDLKEF GFTPKPSLPS ISRSEYLNIS ELPIMEQWDQ PEIYGKVRQE PSEYQDKEVL
NVNFELGNEV WDDFDNENLE VTSFSTDTEK TKISGFGNTL SSSTRGSKLP LQESKSKFQR
EMSNSFVSSH EMSDISLSNS AMPKFSASSM TKLPQQAGNA VIVHFQERKP QNLSPEIEKQ
CFTFSEKNPN SSNYKKVDFE IRNSECKKEV DFSMYHPDDE ADEMKSLLEGI FDGIF **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) (SEC63 domain-containing protein 1),FUNCTION: Required for crossover formation and complete synapsis of homologous chromosomes during meiosis. {ECO:0000250 UniProtKB:D3Z4R1}.
Molecular Weight:	162.6 kDa
UniProt:	A2PYH4

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