

Datasheet for ABIN7564535
ZFPM2 Protein (AA 1-1151) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ZFPM2
Protein Characteristics:	AA 1-1151
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZFPM2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Zfpm2 Protein expressed in mammalien cells.
Sequence:	MSRRKQSKPR QIKRPLEDAI DDEEECPVE EAEVISKGDF PLEGSFPAGF EPENLSCEDV EFFCNKGDDE GIQEPAESDG DSHSDKPGQP GVETDDWDGP GELEVFQRDG ERKIQRQQL PVGTTWGPFA GKMDLNNNSL KTKAQVPMVL TAGPKWLLDV TWQGVEDSKN NCIVYSKGGQ LWCTTTKAIS EGEELVAFVV DFDSRLQAAS HMTLTEGMYP ARLLDSIQLL PQQAAMASIL PTAIVNKDIF PCKSCGIWYR SERNLQAHLN YYCSGRQREA APVSEENEDN SHQVSSLCPF PQCTKSFSNA RALEMHLNSH SGVKMEEFLL PGASLKCTVC SYTADSVINF HQHLFSHLTQ AAFRCNHCHF GFQTQRELLQ HQELHVPSGK LPRESMEHS PSGTEDSLQP ATDLLARSDL SQSQKAMPTK DASSDTELDK CEKKTQLFLT NQRPEIQPAA NKQNFSTYKI KSEPSSPRLA SSPVQPNIGP SFPVGPFLSQ FAFPQDITMV PQASEILAKM SELVHRRRLRH GSSSYPPVIY SPLMPKGATC FECNITFNNL DNYLVHKKHY CSSRWQQMAK SPEFPSVSEK MPEAVSPNTG QTSINLLNPA AHSSDPENPL LQTSCINSST VLDLIGPNGK GHEKDFSTQV KKLPTSNSSD

DKINGKPVVDV KNPSGPLVDG ESDPNKTTCE ACNITFSRHE TYMVHKQYYC ATRHDPPLKR
SASNKVPAMQ RTMRTKRKRK MYEMCLPEQE QRPPLVQQRF LDVANLSNPC SSTQEPTGL
GECYHPRCDI FPGIVSKHLE TSLAMNKCVP VPKCDTTHSN VSCLEMDVPI DLSKKCLSQS
ERTTASPKRL LDYHECTVCK ISFNKVENYL AHKQNFPCVT AHQRNDLGQL DGKVFNPES
ERSSPEVSFE RNMIKCEKNG NPKQSPNGN LFSSHLATLQ GLKVFSEAAQ LIATKEENKH
LFLPQCLYPG AIKKTGADQ LSPYYGIKPS DYIASSLVIH NTDVEQSTNT ENESPKGQAS
SNGCAVPKKD SLPLLKPNRG MVIVNGGLKQ DERPTANPQQ ENISQNTQHE DGHKSPSWIS
ENPLAANENV SPGIPCAEEQ LSSIAKGVNG ASQAPSSGKY CRLCDIQFNN LSNFITHKKF
YCSSHAAEHV K **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.**

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, Western Blot
Grade:	custom-made

Target Details

Target:	ZFPM2
Alternative Name:	Zfpm2 (ZFPM2 Products)
Background:	Zinc finger protein ZFPM2 (Friend of GATA protein 2) (FOG-2) (Friend of GATA 2) (mFOG-2) (Zinc finger protein multitype 2),FUNCTION: Transcription regulator that plays a central role in

Target Details

heart morphogenesis and development of coronary vessels from epicardium, by regulating genes that are essential during cardiogenesis. Essential cofactor that acts via the formation of a heterodimer with transcription factors of the GATA family GATA4, GATA5 and GATA6. Such heterodimer can both activate or repress transcriptional activity, depending on the cell and promoter context. Also required in gonadal differentiation, possibly be regulating expression of SRY. Probably acts a corepressor of NR2F2. {ECO:0000269|PubMed:10330188, ECO:0000269|PubMed:10888889, ECO:0000269|PubMed:10892744, ECO:0000269|PubMed:12223418, ECO:0000269|PubMed:9927674, ECO:0000269|PubMed:9927675}.

Molecular Weight:	127.7 kDa
-------------------	-----------

UniProt:	Q8CCH7
----------	------------------------

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.
--------------------	--

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
--------------	-----------