

Datasheet for ABIN7554540

MEI1 Protein (AA 1-1274) (His tag)



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Overview

Quantity:	1 mg
Target:	MEI1
Protein Characteristics:	AA 1-1274
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MEI1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat MEI1 Protein expressed in mammalian cells.
Sequence:	MAVRQAATAG TPGPRREEEA ALLFERAHYR HDPRWLLPVT PRLCLACALE LLPDPGVSLV RKKHMLSCFQ DALVRHTSLV TQLVSQDQRV CIHFISVLFG LLCMEDGSV TDLCEVLIQ ITTQLKLEQT IRCLLDECHK ELCNMPSMRG SLATLTLLGK LVDAIPALAD ELVMEHGNLM EHLRLGLVYP SEGIQASVCY LYGKLYSSPV AAEMLSGHFR EKLFPFLSLI LDGAQTKELQ INCLGLLRQL LKYDLFVSMI MNQDGLGESA KNIEGSSGNT SLPLVLKKLL LSRDETLQVA SAHCITAVLV HSPAKHASAF IHADIPEFLF EHLSSSSEVL VWSSCNCLTL LVEEPLFFSK CHTVYGIEAV VRSLQGSLKM NNIELHKQGL LLFAEILTRQ PEEIKLFTSS AMCRDAGRAL QEAIVSSPVLE VAAEALKATS AFLRKDHQST PPVQYGELQA LLEAMLNRCA EFSQTLLSRR PLGHASSRDS EKAILQRGKF LLSTLEGFRS ACRLAIEFQS EPSAQENPFT APSAKKEDTL EAFSEFLLSA CDSLCPMVM RHLEQTTHPA LMEVFLSILH NLFVIVPHMK EKFSKKLASS SFIRLTLELK ARFCSGLSHS ALNQVCSNFL YYMCLNLLSA PEKTGPPSKE ELSAVSELLQ

HGLPQISSRS PESLAFLSDR QYMEGAARQR QYCILLLFYL AYIHEDRFVS EAELFEAVQS
FLLSLQDQGE RPPLVVKAS IYLLAICQDK DNTLRETMVS AIRKFLEGIP DLQLVYTHHP
LLLRRFFLLYP ELMSRYGHRV LELWFFWEES SYEELDDVTS AGQPALPASL VVLFQLLSI
PSILLILLDL IYSSPVDTAH KVLISLRTFL RRNEDIQVGG LIRGHFLLIL QRLLVEHGAS PSGASGNLPL
LLSLLSLMQL RNVSEQELDS VAMKLLHQVS KLCGKCSPTD VDILQPSFNF LYWSLHQTTP
SSQKRAAAVL LSSTGLMELL EKMLALTLAK ADSPRTALLC SAWLLTASFS AQQHKGSLQV
HQTLSEMDQ VLKALSFPKK KAALLSAAIL CFLRTALRQS FSSALVALVP SGAQPLPATK
DTVLAPLRMS QVRSLVIGLQ NLLVQKDPLL SQACVGCLEA LLDYLDARSP DIALHVASQP
WNRFLFTLL DAGENSFLRP EILRLMTLFM RYRSSSVLSH EEVGDVLQGV ALADLSTLSN
TTLQALHGFF QQLQSMGHLA DHSMAQTLQA SLEGLPPSTS SGQPPLQDML CLGGVAVSLS HIRN

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:

MEI1

Alternative Name:

MEI1 ([MEI1 Products](#))

Target Details

Background:	Meiosis inhibitor protein 1 (Meiosis defective protein 1),FUNCTION: Required for normal meiotic chromosome synapsis. May be involved in the formation of meiotic double-strand breaks (DSBs) in spermatocytes (By similarity). {ECO:0000250 UniProtKB:Q9D4I2}.
Molecular Weight:	141.2 kDa
UniProt:	Q5TIA1

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