

Datasheet for ABIN7564374

## MAP10 Protein (AA 1-891) (His tag)



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### Overview

Quantity:	1 mg
Target:	MAP10
Protein Characteristics:	AA 1-891
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAP10 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat Map10 Protein expressed in mammalian cells.
Sequence:	<p>MATTAAGRLF SLELLVDWVR LETGLSPCAA SPAVAFRLLD FPPLLVFPPA APGPEPQRGA</p> <p>ISFGRGKACL LRLHPAALRR PRLRAALLQL PVGPTSAPGL VGACDILLVP SLGQRGVFAL</p> <p>RGPEAERVGE LALFYRLTEL GRFSPGVPQL RGPLSPACIL DSEALEVSEP RTEETSKPCT</p> <p>KGISARCLQC VSNARLLEGS EPCAKDTNSW SAGDSDASVV QKSWEAVLH SKASSGDMAS</p> <p>APCSPAPSGK TVSSVSQDVT ELDKETNTFC PPPLYTHLT QEKTPSARVE ITIEPQRNEP</p> <p>EDLDDIFPET KLVSPPLRPV KHTRAAVQES PPVLPNLPQT QGPGEANEAP CPPQIEQSPV</p> <p>NAIRQLPLLN ALLIELSLLC NQPVASPTQV HPHLAWLYRG EDKGPDPSTK STSPSESKSN</p> <p>KLSVRENEKL VNPQSKKNPK GKHPKIGGSP PPKVTKGRLL YGLTNTLRLR LQQTNPMLV</p> <p>VHEKREYRRL SSIQAVGPKL RIPSWKGVKS SSAAESQMSP QLPADTPTDS NGKLPSLAVQ</p> <p>SQLPPQLPGD ESLDSIGSFE EGSDTSMQIR AGFDESSTTK EVKQSHAMKQ EMVDQSENRT</p> <p>IVTALRAPVS PAGSVTPERS LRSNSFGGNW KNKVPSPGLS LQEPTVDKTV DEKDGGRQVK</p>

AISAADTSEN RPTSRKSSCE SISELLYRDG FTSPCYSEDF CTENNSRSL PAPDSSTGVE  
HVQKGSRAK SSEARLSTRK NSSDSSSVLT PPFSAGSPVC SHKRSRALKI HDSLEEASSL  
STDFSSQWT NEKENQADPG SSKVMRKGRD SSTKLKVRAG HKSSEKSQSP RTSQVSSYEP  
SNLSELELKA IDDSLADFQ EEEDGLGSLR ISRQCKDICE LVINKLPGYT V **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:

MAP10

### Alternative Name:

Map10 ([MAP10 Products](#))

### Background:

Microtubule-associated protein 10 (Microtubule regulator of 120 kDa),FUNCTION: Microtubule-associated protein (MAP) that plays a role in the regulation of cell division, promotes microtubule stability and participates in the organization of the spindle midzone and normal progress of cytokinesis. {ECO:0000250}.

### Molecular Weight:

96.2 kDa

## Target Details

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UniProt: [Q8BJS7](#)

## Application Details

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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

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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