

Datasheet for ABIN7554488

MAP10 Protein (AA 1-905) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	MAP10
Protein Characteristics:	AA 1-905
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAP10 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant MAP10 Protein expressed in mammalian cells.
Sequence:	MAASLSERLF SLELLVDWVR LEARLLPSA AAVEQEEEE EKEQGEASSP RGLCPAFAFR LLDFPTLLVY PPDGPGAPAA EPWPGVIRFG RGKSCLFRLQ PATLHCRLLR TPLATLLLQL PPGRPTPTPQ LLGACDISLA TAAHRVVGPA ASGCSHRHRG RFPLHNRVGE RTGDIALAYR LTDLGSRLLS QLERPLTFTR TGGGAEVSPQ TQERQQLQQ PASQPSPKEA DKPLGELEIP EAQKDLKEMV KSKAECDNVG SVENGKTNV VTCGAGNGR NVSSLNEEVT ELDMETNIFC PPPLYTNTLT QEKPPPAQAK ITIEPQMNAP EEMDDASPEK KRVNPPAHR CLKHPSSAAH EHPPMLVNPP HIQNIGATNQ TCQTEQNRIN TIRQLPLLNA LLVELSLLYD QPVTSPAHIH PHLAWLYRTE DKKSPESAK STCRSEAKD KRSVGGCEKS VSLQYKKNQI ENYKEDKYSE KSSGALHKRV PKGRLLYGLT NTLRLRLKLT NPDMLVVHEK RELYRKRQSQ MLGTFKRIPS SKVKLLSSAE QSQKPQLPED KYLSDASFT ENSDTSRQIS GVFEDEPSTSK ETKLKYATEK KTVDCKSNRI NNVSLEEVVS PANSIIPERL TPTNILGGNV EMKIQSPCVF QQDAVVDRIV DKEIDIRQVK TTDNDILMAD ISDKRTGKNS CYENISELKY SDDLSSPCYS EDFCTSEDTS

RSFKAHDSSS RTENPKHSQY TSKSSDTGVS KKKNSSDRSS ILSPPFSAQS PVHSYRKFIH
SKTQDKSLEE ASSISASDLS STHWTEQKEN QIDQNSMHNS EITKRAQDIS VKTRSSWKSL
EKSQSPQTSQ VSSYLPSNVS ELNVLDSSTS DHFEEGNDDV GSLNISKQCK DICELVINKL PGYTM

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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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:0000269 PubMed:23264731}.

Target Details

Molecular Weight: 100.3 kDa

UniProt: [Q9P2G4](#)

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