

Datasheet for ABIN7549171

MAP7 Domain Containing 3 (MAP7D3) (AA 1-876) protein (His tag)



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Overview

Quantity:	1 mg
Target:	MAP7 Domain Containing 3 (MAP7D3)
Protein Characteristics:	AA 1-876
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat MAP7D3 Protein expressed in mammalian cells.
Sequence:	<p>MMADGAAAGA GGSPSLREL ARMVAAANEI AKERRKQDVV NRVATHSSNI RSTFKPVIDG</p> <p>SMLKNDIKQR LARERREEKR RQQDANKETQ LLEKERKTKL QYEKQMEERQ RKLKERKEKE</p> <p>EQRRIAAEEK RHQKDEAQKE KFTAILYRTL ERRRLADDYQ QKRWSWGGSA MANSESKTAN</p> <p>KRSASTEKLE QGTSALIRQM PLSSAGLQNS VAKRKTDKER SSSLNRRDSN LHSSTDKEQA</p> <p>ERKPRVTGVT NYVMQYVTPV LRKCTSEDLR AVMFPMSTMK IPPQTKVEES PLEKVETPPK</p> <p>ASVDAPPQVN VEVFCNTSME ASPKAGVGMA PEVSTDSPVPV VSVDVSPVVS TYDSEMSMDA</p> <p>SPELSIEALP KVDLETVPKV SIVASPEASL EAPPEVSLEA LPEVSVEAAP EGSLEAPPKG</p> <p>SAEVAPKESV KGSPKESMEA SPEAMVKASP KTSLEASMEA SPKAKARDAP KKSEMDKQAL</p> <p>IPIAKKRLSS YTECYKWSSS PENACGLPSP ISTNRQIQKN CPPSPLPLIS KQSPQTSFPY</p> <p>KIMPIQHTLS VQSASSTVKK KKETVSKTTN RCEALSQRHM IYEESGNKST AGIMNAEAAT</p> <p>KILTELRLLA REQREKEEEE RQREEMQQRV IKKSKDMAKE AVGGQAEDHL KLKDGQQQNE</p>

TKKKKGWLDQ EDQEAPLQKG DAKIKAQEEA DKRKKEHERI MLQNLQERLE RKKRIEEIMK
RTRKTDVNAS KVTETSSHI YEEAEADNEE SDKDSL NEMF PSAILNGTGS PTKFKMPFNN
AKKMTHKLVF LEDGTSQVRK EPKTYFNGDL KNFRQKSMKD TSIQEVVSRP SSKRMTSHTT
KTRKADETNT TSRSSAQTKS EGFHDILPKS SDTFRQ **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:	<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>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	MAP7 Domain Containing 3 (MAP7D3)
Alternative Name:	MAP7D3 (MAP7D3 Products)
Background:	MAP7 domain-containing protein 3,FUNCTION: Promotes the assembly and stability of microtubules. {ECO:0000269 PubMed:22142902, ECO:0000269 PubMed:24927501}.
Molecular Weight:	98.4 kDa
UniProt:	Q8IWC1

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.
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Restrictions:	For Research Use only
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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