

Datasheet for ABIN7563518
MYO1F Protein (AA 1-1099) (His tag)



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Overview

Quantity:	1 mg
Target:	MYO1F
Protein Characteristics:	AA 1-1099
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MYO1F protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Myo1f Protein expressed in mammalian cells.
Sequence:	<p>MGSKERFWQ SHNVKQSGVD DMVLLSQITE DAIVRNHLHKR FMDDYIFTYI GSVLISVNP</p> <p>KQMPYFTDRE IDLYQGAVQY EEPPIHYALT DNMYRNMLID CENQCVIISG ESGAGKTVA</p> <p>KYIMGYISKV SGGGDKVQHV KDILQSNPL LEAFGNAKTV RNNNSSRFGK YFEIQFSRGG</p> <p>EPDGGKISNF LLEKSRVVMQ NENERNFHIY YQLLEGASQE QQQNLGIMSQ DYYYYLNQSD</p> <p>TYKVEGTDDR SDFSETLSAM QVMGFRQACQ QLVQLVAGI LHLGNISFCE EGNARVESV</p> <p>DSLAFPAYLL GIDSGRLQEK LTRKMDSKW GGRSESIDVT LNVEQAAYTR DALAKGLYAR</p> <p>LFDLVEAIN RAMQKPQEEY SIGVLDIYGF EIFQKNGFEQ FCINRVNEKL QQIFIETLK</p> <p>AEQEEYVQEG IRWTPIEYFN NKIVCDLIEN KLSPPGIMSV LDDVCATMHA TGGGADQTLL</p> <p>QKLQAAVGTH EHFNSWSAGF VIHHYAGKVS YDVSGFCERN RDVLFSDLIE LMQSSDQDFL</p> <p>RMLFPEKLN DKKGRPSTAG SKIKKQANDL VSTLKKCTPH YIRCIKPNET KRPRDWESR</p> <p>VKHQVEYLGL RENIRVRRAG FAYRRQFSKF LQRYAILTPE TWPRWRGDER QGVQHLLRAV</p> <p>NMEPDQYQMG STKVFKVNP SLFLLEEMRE RKFDGFARTI QKAWRRHVAV RKYEEMREEA</p>

Product Details

SNILLNKKER RRNSINRNFV GNYLGLERP ELRQFLAKRE RVDFADSVTK YDRRFKPIKR
DLILTPKCVY VIGTEKVKRG PEKGLVREVL KKKLDIQALR GVSLSRQDD FFILQEEAAD
TFLESIFKTE FVSLCKRFE EAARRPLPLT FQDILQFRVK KKGWGGGGTR NVTFSAGQVN
LAVLKAGGKT LTISLGDGLP KNSKPTRKGL AQQKPRRSAQ APTRAVPWAS QGLNRNGATL
FPRGEGPYTL EIYWPQEF EASAIHLQP QDASRRPRAR PPSEHSTFL NVPDQGVAGM
QKRKSIQRP VPASRPKPQP RTHGPRCRAL YQYIGQDVDE LSFNVNEVIE ILIEDSSGWW
KGRLHGQEG L FPGNYVEKI

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:	MYO1F
Alternative Name:	Myo1f (MYO1F Products)
Background:	Unconventional myosin-I β ,FUNCTION: Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Their highly divergent tails

Target Details

are presumed to bind to membranous compartments, which would be moved relative to actin filaments (By similarity). {ECO:0000250}.

Molecular Weight: 125.9 kDa

UniProt: [P70248](#)

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