

Datasheet for ABIN7554671

**Myosin IH Protein (MYO1H) (AA 1-1032) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	Myosin IH (MYO1H)
Protein Characteristics:	AA 1-1032
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Myosin IH protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant MYO1H Protein expressed in mammalian cells.
Sequence:	MEGALTARDK VGVQDFVLLD AYTSESAFVD NLRKRFSENL IYTYIGTLLV SVNPHYQELGI YTVSQMELYQ GVNFFELPPH VYAIADNAYR MMCAELNNHF ILISGESGAG KTEASKKILE YFAVTCPMTQ SLQIARDRLI FSNPVLEAFG NARTLRNDNS SRFGKYMDIQ FDFQGIPVGG HIISYLIEKS RVVYQNEGER NFHIFYQLLA GGEEERLSYL GLERDPQLYK YLSQGHCAKE SSISDKNDWK TVSNAFSVID FTEADLENLF GIIASVLHLG NIGFEEDDQG CATIPDTHEI KWIAKLLGVH PSVLLEALTH RKIEAKTEEV ICPLTLELSV YARDAMAKAV YGRTFTWLVN KINSSLVNVK GQRILDPLLL LTWKTVIGLL DIYGFEVFDK NGFEQFCINY CNEKLQQLLI ERTLKAEQAE YEMEGIEWEP IKYFNKIKI DLVEERHKG I SILDEECIR PGPATDLSFL EKLEEKVGKH AHFETRKLKAG PKGRKRIGWM EFRLHYAGE VTYCTKGFLE KNNDLLYRHL KEVLCKSKNI ILRECFLAE LENRRRPPTV GTQFKNSLSS LLETLSKPE SYIRCIKPNP RKEPSKFDDF LIRHQIKYLG LMEHLRVRRA GFAYRRKYEY FLQRYKSLCP DTWPHWHGPP AEGVERLIKY IGYKPEEYKL GKTKIFIRFP RTLFATEDAF EFSKHQLVAR IQATYKRCLG

## Product Details

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RREYVKKRQA AIKLEAHWRG ALARKAIQRR KWAVRIIRKF IKGFI SRNKP LCPDNEEFIV  
FVRKNYILNL RYHLPKTVLD KSWLRPPGIL ENASDLLRKM CVRNLVQKYC RGITAERKAM  
MQQKVVTSEI FRGRKDGYTE SLNQPFVNSR IDEGDINPKV LQLISHEKIQ YGVPVIKYDR  
KGFKARQRQL ILTQKAAYV ELAKIKQKIE YSALKGVSTS NLSDGILVIH VSPEDSKQKG  
DAVLQCGHVF EAVTKLVMLV KKENIVNVVQ GSLQFFISPG KEGTIVFDTG LEEQVYKNKN  
GQLTVSVRR KS **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.**

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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.

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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.

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Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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Grade: custom-made

## Target Details

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Target: Myosin IH (MYO1H)

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Alternative Name: MYO1H ([MYO1H Products](#))

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Background: Unconventional myosin-Ih (Myosin-1H),FUNCTION: Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Their highly divergent tails are presumed to bind to membranous compartments, which would be moved

## Target Details

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relative to actin filaments (By similarity). {ECO:0000250}.

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Molecular Weight: 119.0 kDa

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UniProt: [Q8N1T3](#)

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## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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