

Datasheet for ABIN7554607

MORF4L2 Protein (AA 1-288) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	MORF4L2
Protein Characteristics:	AA 1-288
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MORF4L2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant MORF4L2 Protein expressed in mammalian cells.
Sequence:	MSSRKQGSQP RGQSAEEEN FKKPTRSNMQ RSKMRGASSG KKTAGPQQKN LEPALPGRWG GRSAENPPSG SVRKTRKNKQ KTPGNGDGGG TSEAPQPPRK KRARADPTVE SEEAFKNRME VKVKIPEELK PWLVEDWDLV TRQKQLFQLP AKKNVDAILE EYANCKKSQG NVDNKEYAVN EVVAGIKEYF NVMLGTQLLY KFERPQYAEI LLAHPDAPMS QVYGAPHLLR LFVRIGAMLA YTPLDEKSLA LLLGYLHDFL KYLAKNSASL FTASDYKVAS AEYHRKAL 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:	Key Benefits:

Product Details

- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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Target Details

Target:	MORF4L2
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Alternative Name:	MORF4L2 (MORF4L2 Products)
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Background:	Mortality factor 4-like protein 2 (MORF-related gene X protein) (Protein MSL3-2) (Transcription factor-like protein MRGX),FUNCTION: Component of the NuA4 histone acetyltransferase complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histone H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. The NuA4 complex ATPase and helicase activities seem to be, at least in part, contributed by the association of RUVBL1 and RUVBL2 with EP400. NuA4 may also play a direct role in DNA repair when directly recruited to sites of DNA damage. Also a component of the MSIN3A complex which acts to repress transcription by deacetylation of nucleosomal histones.
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Molecular Weight:	32.3 kDa
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Target Details

UniProt: [Q15014](#)

Pathways: [Regulation of Muscle Cell Differentiation](#)

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