

Datasheet for ABIN7559194  
**MYEF2 Protein (AA 1-591) (His tag)**



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## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg   |
| Target:                       | MYEF2  |
| Protein Characteristics:      | AA 1-591                                     |
| Origin:                       | Mouse  |
| Source:                       | HEK-293 Cells                                |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This MYEF2 protein is labelled with His tag. |
| Application:                  | SDS-PAGE (SDS), Western Blotting (WB)        |

## Product Details

|           |   |
|-----------|---|
| Purpose:  | Custom-made recombinat Myef2 Protein expressed in mammalien cells.  |
| Sequence: | MADADKSEAA AGDDGSQQQP AEPRRDTHPG EPEKPPRSSA NGVKMENDES VKEEKSDLKE<br>KSTGNKKANR FHPYSKDKNS GTGEKKGPNR NRVFISNIPY DMKWQAIKDL MREKVGEVTY<br>VELFKDAEGK SRGCGVVEFK DEEFVKKALE TMNKYDLSGR PLNIKEDPDG ENARRALQRT<br>GTSFQGSHAS DVGSGLVNLP PSILNPNIP PEVISNLQAG RLGSTIFVAN LDFKVGWKKL<br>KEVFSIAGTV KRADIKEDKD GKSRGMGTVT FEQAIEAVQA ISMFNGQLF DRPMHVKMDD<br>KSVPHEDYRS HDSKTSQLPR GLGGIGMGLG PGGQPISASQ LNITGVMGNL GPSGMGMDGP<br>GFGGVNRIGG GVGFGGLEAM NSMAGFGGVG RMGELYRGAM TSSMERDFGR GDIGLSRGFG<br>DSFGRLGSAM IGGFAGRIGA SNMGPVGTGI SGSMSGMSTV TGGMGMGLDR MSSSFDRMGF<br>GIGAILERSI DVDRGFLSGP MSGSMRDLRG SKGNQIFVRN LPFDLTWQKL KEKFSQCQGHV<br>MFAEIKMENG KSKGCGTVRF ESAESAEKAC RIMNGIKISG REIDVRLDRN A <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a</b> |

## Product Details

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**different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

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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, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

MYEF2

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### Alternative Name:

Myef2 ([MYEF2 Products](#))

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### Background:

Myelin expression factor 2 (MEF-2) (MyEF-2),FUNCTION: Transcriptional repressor of the myelin basic protein gene (MBP). Binds to the proximal MB1 element 5'-TTGTCC-3' of the MBP promoter. Its binding to MB1 and function are inhibited by PURA.  
{ECO:0000269|PubMed:7534248, ECO:0000269|PubMed:7539003, ECO:0000269|PubMed:9282330}.

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### Molecular Weight:

63.3 kDa

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### UniProt:

[Q8C854](#)

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## Application Details

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### Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies

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## Application Details

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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

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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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