

Datasheet for ABIN7557568  
**MIER1 Protein (AA 1-511) (His tag)**



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## Overview

Quantity:	1 mg
Target:	MIER1
Protein Characteristics:	AA 1-511
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MIER1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Mier1 Protein expressed in mammalien cells.
Sequence:	MAEPSVESSS PGGSATSEDH EFDPSADMLV HDFDDERTLE EEEMMEGETN FSSEIEDLAR EGDMPIHELL SLYGYDSTVR LPEEEEEEEEE EEEGEDDEDA DNDDNSGCSG ENKEENIKDS SGQEDETQSS NDDPSQSVTS QDAQEIRPR RCKYFDTNSE IEESEEDDED YIPSEDWKKE IMVGSMFQAE IPVGVCRYKE NEKVYENDDQ LLWDPECLPE EKVVVFLKDA SRRTGDEKGV EAIPEGSHIK DNEQALYELV KCSFDTEEAL RRLRFNVKAA REELSVWTEE ECRNFEQGLK AYGKDFHLIQ ANKVRTRSVG ECVAFYMWK KSERYDFFAQ QTRFGKKKYN LHPGVTDYMD RLLDESESAA SSRAPSPPT ASNSSNSQSE KEDGAVSSRN QNGVSSNGPG EILNKEEVKV EGLHVNGPTG GNKKPLL TDM DTNGYEANL TDPKLAHMT ARNENDFDEK NERPAKRRRI NSSGKESPGS SEFFQEAVSH GKFEHENTN D <b>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</b>

## Product Details

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### 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.

#### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

#### Grade:

custom-made

## Target Details

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#### Target:

MIER1

#### Alternative Name:

Mier1 ([MIER1 Products](#))

#### Background:

Mesoderm induction early response protein 1 (Early response 1) (Er1) (Mi-er1),FUNCTION: Transcriptional repressor regulating the expression of a number of genes including SP1 target genes. Probably functions through recruitment of HDAC1 a histone deacetylase involved in chromatin silencing. {ECO:0000269|PubMed:16147882}.

#### Molecular Weight:

57.9 kDa

#### UniProt:

[Q5UAK0](#)

#### Pathways:

[Chromatin Binding](#)

## Application Details

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#### Application Notes:

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

## 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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