

Datasheet for ABIN7561450  
**HEMGN Protein (AA 1-503) (His tag)**



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## Overview

Quantity:	1 mg
Target:	HEMGN
Protein Characteristics:	AA 1-503
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HEMGN protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Hemgn Protein expressed in mammalien cells.
Sequence:	MDMGKGRPRL KLPQMPEAHP QKSCAPDIIG SWSLRNREQL RKRKAEAQGR QTSQWLLGEQ KKRKYQRTGK GNKRGRKRQG NVEQKAEPWS QTERERVQEV LVSAEEETEH PGNSATEALP LVPSPTKAVP ADQCSEAHQE SIQCQERAIQ NHSQTHLSPT TCQGI AVLQH SPKMCQDMAE PEVFSPNMCQ ETAVPQTYPP KALEEMAAAE PLSPKMCQET TVSPNHSSKV PQDMAGPEAL SPNMCQEPTV PQEHTLKMCH DVARPEVLSP KTHQEMAVPK AFPCVTPGDA AGLEGCAPKA LPQSDVAEGC PLDTTPTSVT PEQTTSDPDL GMAVTEGFFS EARECTVSEG VSTKTHQEAV EPEFISHETY KEFTVPIVSS QKTIQESPEP EQYSPETCQP IPGPENYSLE TCHEMSGPED LSIKTCQDRE EPKHSLPEGA QKVGGAQGQD ADAQDSENAG AFSQDFTIME EENKADQDPE APASPQGSQE TCPENGIYSS ALF <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 contact us.</b>

## Product Details

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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

## Target Details

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### Target:

HEMGN

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### Alternative Name:

Hemgn ([HEMGN Products](#))

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### Background:

Hemogen (Hemopoietic gene protein) (Negative differentiation regulator protein) (mNDR),FUNCTION: Regulates the proliferation and differentiation of hematopoietic cells. Overexpression block the TPA-induced megakaryocytic differentiation in the K562 cell model. May also prevent cell apoptosis through the activation of the nuclear factor-kappa B (NF-kB) (By similarity). {ECO:0000250}.

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### Molecular Weight:

55.0 kDa

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### UniProt:

[Q9ERZ0](#)

## Application Details

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### Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

## Application Details

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Restrictions: For Research Use only

## Handling

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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