

Datasheet for ABIN7561665  
**HMGN5 Protein (AA 1-406) (His tag)**



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## Overview

Quantity:	1 mg
Target:	HMGN5
Protein Characteristics:	AA 1-406
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HMGN5 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Hmgn5 Protein expressed in mammalian cells.
Sequence:	MPKRKAAGDV SQEPKRRSAR LSAMPVPFTP ELKPKRASTS RKTkTTNVVE ENKDASTIPI PETKPEDVKD ECNMENAENG EAKIMEAPIP KMEAEVKEQ INEDTEEDGG EKKEAVAAEA KDELKANIQ DVEKDEDGKE HKDTGEEVED GKIEEGLNE KPGTAKSEDA EVSKDEEEKG DNEKGEDGKE EGDEKEEEKD DKEGDTGTEK EVKEQNKEAE EDDGKCKEEE NKEVGKEGQP EEDGKEDLHE EVGKEDLHEE DGKEGQPEED GKEIHHEEDG KEGQPEEDGK EYLHEEDGEE GQPKEDQKEG QPEEDGKEDQ PEEDGKEGQC KEDGKEGHHE EGGKEDLHEE DGKEKDGGKE DRKEEGEQEV AVDEGSDENK VEAEEGAEN KDFKQDGEKE EPLSIV <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>
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.

## 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.

### Purity:

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

### Grade:

custom-made

## Target Details

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### Target:

HMGN5

### Alternative Name:

Hmgn5 ([HMGN5 Products](#))

### Background:

High mobility group nucleosome-binding domain-containing protein 5 (Nucleosome-binding protein 1) (Nucleosome-binding protein 45) (NBP-45) (Protein GARP45),FUNCTION: Preferentially binds to euchromatin and modulates cellular transcription by counteracting linker histone-mediated chromatin compaction. {ECO:0000269|PubMed:10692437, ECO:0000269|PubMed:19748358}.

### Molecular Weight:

45.3 kDa

### UniProt:

[Q9JL35](#)

## 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.

### 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