

Datasheet for ABIN7559719  
**HBP1 Protein (AA 1-516) (His tag)**



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## Overview

Quantity:	1 mg
Target:	HBP1
Protein Characteristics:	AA 1-516
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HBP1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Hbp1 Protein expressed in mammalien cells.
Sequence:	MVWEVKTNQM PNAVQKLLLV MDKRAPGMSD SLELLQCNEN LPSSPGYNCS DEHMELDDLPELQAVQSDPT QSAIYQLSSD VSHQEYPRSS WSQNTSDIPE NTHREDEVDW LTELANIATS PQSPLMQCSF YNRSSPVHII ATSKSLHSYA RPPPVSSSSK SGPAFPHDHW KEETPVRHER ANSESESGIF CMSSLSDDDD LGWCNSWPST IWHCFLKGTR LCFHKESNKE WQDVEDFARA ASCDNEEEIQ MGTHKGYGSD GLKLLSHEES VSGESVLKL TFDPGTVEDG LLTVECKLDH PFYVKNKGWS SFYPSLTVVQ HGIPCCEIHI GDVCLPPGHP DAINFDDSGV FDTFKSYDFT PMDSSAVYVL SSMARRRAS LSCGGGPGTG QEFGSSEFSK SCGSPGSSQL SSSSLYAKAV KSHSSGTVSA TSPNKCKRPM NAFMLFAKKY RVEYTQMYPG KDNRAISVIL GDRWKKMKNE ERRMYTLEAK ALAEEQKRLN PDCWKRKRTN SGSQQH <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:

HBP1

#### Alternative Name:

Hbp1 ([HBP1 Products](#))

#### Background:

HMG box-containing protein 1 (HMG box transcription factor 1) (High mobility group box transcription factor 1),FUNCTION: Transcriptional repressor that binds to the promoter region of target genes. Plays a role in the regulation of the cell cycle and of the Wnt pathway. Binds preferentially to the sequence 5'-TTCATTCATTCA-3'. Binding to the histone H1.0 promoter is enhanced by interaction with RB1. Disrupts the interaction between DNA and TCF4 (By similarity). {ECO:0000250|UniProtKB:O60381, ECO:0000269|PubMed:9178770}.

#### Molecular Weight:

57.6 kDa

#### UniProt:

[Q8R316](#)

## 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

## 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