

## Product datasheet

# Recombinant Human NSBP1 protein ab164020

1 Image

### Overview

<b>Product name</b>	Recombinant Human NSBP1 protein
<b>Protein length</b>	Full length protein

### Description

<b>Nature</b>	Recombinant
<b>Source</b>	Wheat germ
<b>Amino Acid Sequence</b>	
<b>Species</b>	Human
<b>Sequence</b>	<p>MPKRKAAGQGDMRQEPKRRSARLSAMLVPVTPEVK            PKRTSSSRKMKTKSD            MMEENIDTSAQAVAETKQEAVVEEDYNENAKNGEAKI            TEAPASEKEMEV            KEENIEDATEKGGEKKEAVAAEVKNEEEDQKEDEED            QNEEKGEAGKEDKD            EKGEEDGKEDKNGNEKGEDAKEKEDGKKGEDGKGN            GEDGKEKGEDEKEEE            DRKETGDGKENEDGKEKGDKKEGKDVKVKEDEKER            EDGKEDEGGNEEEAG            KEKEDLKEEEEGKEEDEIKEDDGKKEEPQSV</p>
<b>Amino acids</b>	1 to 282
<b>Tags</b>	GST tag N-Terminus

### Specifications

Our [Abpromise guarantee](#) covers the use of **ab164020** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	ELISA Western blot
<b>Form</b>	Liquid
<b>Additional notes</b>	Protein concentration is above or equal to 0.05 mg/ml.

## Preparation and Storage

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### Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

## General Info

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### Function

Preferentially binds to euchromatin and modulates cellular transcription by counteracting linker histone-mediated chromatin compaction.

### Tissue specificity

Ubiquitously expressed.

### Sequence similarities

Belongs to the HMGN family.

### Domain

Specifically targeted by its C-terminus to nucleosomes in euchromatin.

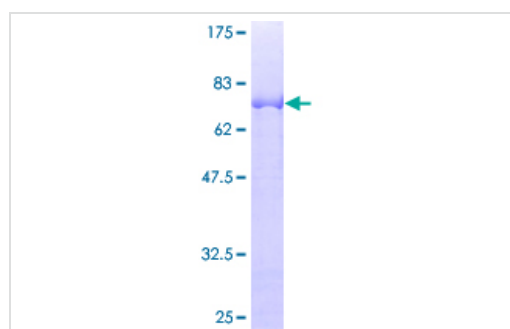
### Cellular localization

Nucleus. Associates with nucleosomes in euchromatin and is largely excluded from constitutive heterochromatin.

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## Images

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ab164020 on a 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human NSBP1 protein  
(ab164020)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
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- We provide support in Chinese, English, French, German, Japanese and Spanish
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