

Product datasheet

Recombinant Human HMGB2 protein ab109962

1 Image

Description	
Product name	Recombinant Human HMGB2 protein
Purity	> 90 % SDS-PAGE. Affinity purified
Expression system	Baculovirus infected insect cells
Accession	<b><u>P26583</u></b>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<b>MGSSHHHHHHSSGLVPRGSH</b> TGSMGKGDPNKPRGKM SSYAFFVQTCREEH KKKHPDSSVNFAEFSKKCSERWKTMSAKEKSKFEDMAK SDKARYDREMKN YVPPKGDKKGKKKDPNAPKRPPSAFFLCSEHRPKIKSE HPGLSIGDTAK KLGEMWSEQSAKDKQPYEQKAAKLKEKYEKDIAAYRAKG KSEAGKKGPGR PTGSKKKNEPEDEEEEEEEEEDEEEEEDEDEE
Predicted molecular weight	26 kDa including tags
Amino acids	1 to 209
Tags	His tag N-Terminus

Specifications	
Our <b><u>Abpromise guarantee</u></b> covers the use of <b>ab109962</b> in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	SDS-PAGE
Form	Liquid

Preparation and Storage

## Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 30% Glycerol (glycerin, glycerine), 0.058% Sodium chloride

## General Info

### Function

DNA binding proteins that associates with chromatin and has the ability to bend DNA. Binds preferentially single-stranded DNA. Involved in V(D)J recombination by acting as a cofactor of the RAG complex. Acts by stimulating cleavage and RAG protein binding at the 23 bp spacer of conserved recombination signal sequences (RSS).

### Sequence similarities

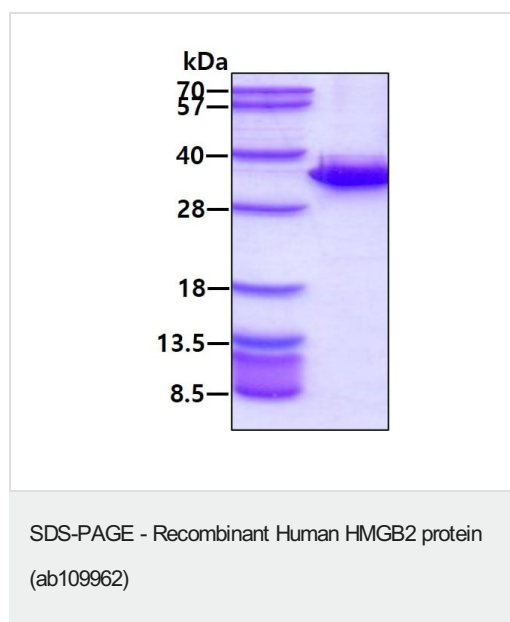
Belongs to the HMGB family.

Contains 2 HMG box DNA-binding domains.

### Cellular localization

Nucleus. Chromosome.

## Images



15% SDS-PAGE analysis of 3µg ab109962.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

#### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors