

# Recombinant Human HMGN1 protein ab112301

### 1 图像

#### 描述

产品名称	重组人HMGN1蛋白	
生物活性	useful for Antibody Production and Protein Array	
表达系统	Wheat germ	
Accession	<b><u>P05114</u></b>	
蛋白长度	Full length protein	
无动物成分	No	
性质	Recombinant	
种属	Human	
序列	MPKRKVSSTEGAAKEEPKRRSARLSAKPPAKVEAKPKKAAAK DKSSDKKV QTKGKRGAKGKQAEVANQETKEDLPAENGETKTEESPASDEA GEKEAKSD	
预测分子量	37 kDa	
氨基酸	1 to 100	
标签	GST tag N-Terminus	

#### 技术指标

Our **Abpromise guarantee** covers the use of **ab112301** in the following tested applications.

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

应用	ELISA
	SDS-PAGE
	Western blot
形式	Liquid
补充说明	useful for Antibody Production and Protein Array

#### 制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00
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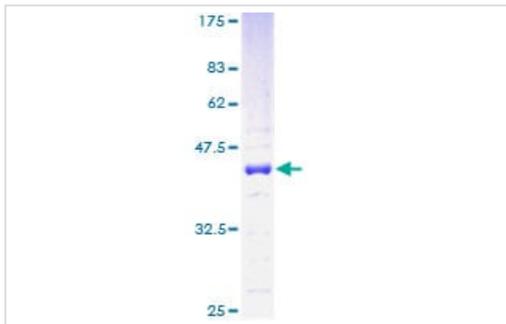
Constituents: 0.31% Glutathione, 0.79% Tris HCl

Glutathione is reduced

## 常规信息

功能	Binds to the inner side of the nucleosomal DNA thus altering the interaction between the DNA and the histone octamer. May be involved in the process which maintains transcribable genes in an unique chromatin conformation. Inhibits the phosphorylation of nucleosomal histones H3 and H2A by RPS6KA5/MSK1 and RPS6KA3/RSK2.
序列相似性	Belongs to the HMGN family.
翻译后修饰	Phosphorylation on Ser-21 and Ser-25 weakens binding to nucleosomes and increases the rate of H3 phosphorylation (By similarity). Phosphorylation favors cytoplasmic localization.
细胞定位	Nucleus. Cytoplasm. Cytoplasmic enrichment upon phosphorylation. The RNA edited version localizes to the nucleus.

## 图片



ab112301 analysed on a 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human HMGN1 protein (ab112301)

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

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