

[Go to Product page](#)

## Datasheet for ABIN7318584 HMGB3 Protein (His tag)

### Overview

Quantity:	50 µg
Target:	HMGB3
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HMGB3 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human HMGB3 Protein (His Tag)
Sequence:	Met 1-Glu200
Characteristics:	Recombinant Human High Mobility Group Protein B3 is produced by our Mammalian expression system and the target gene encoding Met1-Glu200 is expressed with a 6His tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	HMGB3
Alternative Name:	HMGB3 ( <a href="#">HMGB3 Products</a> )
Background:	Background: High Mobility Group Protein B3 (HMGB3) belongs to the HMGB family. Members of the HMG box subfamily are thought to be have an important role in DNA replication,

## Target Details

nucleosome assembly and transcription. HMGB3 binds preferentially single-stranded DNA and unwinds double stranded DNA. HMGB3 consists of 200 amino acids and is localized to the cell nucleus. It contains two HMG box DNA-binding domain. HMGB3 binds preferentially single-stranded DNA and unwinds double stranded DNA.

Synonym: High Mobility Group Protein B3, High Mobility Group Protein 2a, HMG-2a, High Mobility Group Protein 4, HMG-4, HMGB3, HMG2A, HMG4

Molecular Weight:	24.0 kDa
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UniProt:	<a href="#">O15347</a>
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## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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