Human HMGB2, His Tag, E. coli

Catalog Number	LDG050PHE
Package	5 μg / 20 μg / 100 μg / Customized package

For full product information, images and publications, please visit our website.

Specifications

Species of Origin
Human

Expression System
Escherichia coli

Affinity Tag
His Tag (C-term)

Storage Buffer
Lyophilized from a 0.2 μm filtered solution of PBS, pH 8.0.

Purity
>98% as determined by SDS-PAGE analysis.

Molecular weight
The protein has a calculated MW of 24.84 kDa. The protein migrates as 34 kDa under reducing condition (SDS-PAGE analysis).

Endotoxin Level
<0.1 EU per 1 μg of the protein by the LAL method.

Form
Lyophilized

Background

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Background

High mobility group protein B2, also known as HMGB2, is a member of the non-histone chromosomal high-mobility group protein family. High mobility group protein B2 is expressed as 25 kDa containing 209 amino acid residues. The function of High mobility group protein B2 is involved in transcription, chromatin remodeling and V(D)J recombination. In vitro studies have demonstrated that this protein is able to efficiently bend DNA and form DNA circles.

Synonyms

High mobility group protein 2, HMG-2

Uniprot ID

#P26583

Sequence Note

Met1-Glu209

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H_2O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Stability & Storage

This product is stable after storage at:

- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

Image

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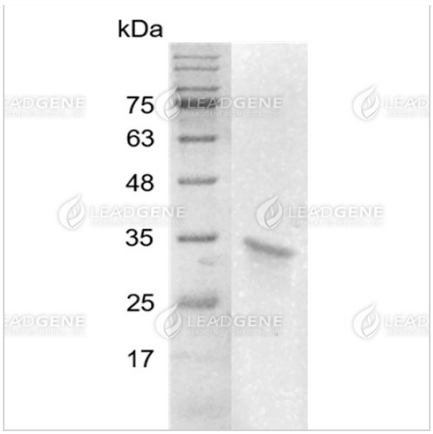

SDS-PAGE analysis of recombinant human HMGB2.

Disclaimer : For Research Use or Further Manufacturing Only.

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