

Human HMGB2, His-SUMO Tag, HEK293

Catalog Number LDG004PHM

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

HEK293

Affinity Tag

His-SUMO Tag (N-term)

Buffer

Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Purity

>98% as determined by SDS-PAGE analysis.

Molecular weight

The protein has a calculated MW of 35.57 kDa. The protein migrates as 35-48 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. HMGB2 is expressed 25 kDa containing 209 amino acid residues. The function of HMGB2 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 .

Uniprot ID

#P26583

Synonyms

High mobility group protein B2

Sequence Note

Met1-Pro187

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

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.

Shipping

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

Image

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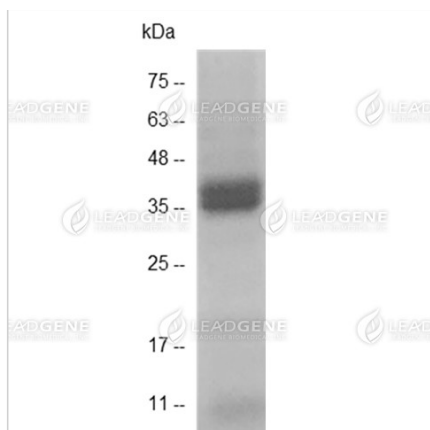
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SDS-PAGE analysis of
recombinant human HMGB2.

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