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Recombinant Human HMGB2 Protein

Catalog No.: RP01718 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	3148	P26583

Tags
C-6His

Synonyms
HMG-1;HMG1;HMG3;SBP-1

Product Information

Source
HEK293 cells

Purification
≥ 90 % as determined by SDS-PAGE.

Calculated MW
24.87 kDa

Observed MW
28 kDa

Endotoxin
< 0.01 EU/μg of the protein by LAL method

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Background

High mobility group protein B2, also known as HMGB2, is a member of the non-histone chromosomal high-mobility group protein family. The proteins of this family are chromatin-associated and ubiquitously distributed in the nucleus of higher eukaryotic cells

Basic Information

Description
Recombinant Human HMGB2 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met1-Glu209) of human HMGB2 (Accession #NP_001124160.1) fused with and a 6×His tag at the C-terminus.

Bio-Activity

Storage
Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.
Avoid repeated freeze/thaw cycles.

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Validation Data

Recombinant Human HMGB2 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.

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