

Human HMGB1/HMG1 (His Tag) recombinant protein



Catalog Number: 500788

General Information

Gene Name Synonym

High mobility group protein 1

Protein Construction

A DNA sequence encoding the mature form of human HMGB1 (P09429) (Lys57-Asp158) was expressed with a polyhistidine tag at the N-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Activity

Immobilized human His-HMGB1 at 10 µg/ml (100 µl/well) can bind AGER-Fc (Cat:501347) with a linear range of 0.31-2.5 µg/ml.

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

His

Molecular Mass

The recombinant human HMGB1 consists of 117 amino acids and predicts a molecular mass of 13.6 KDa. It migrates as an approximately 15 KDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, 20% Glycerol, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

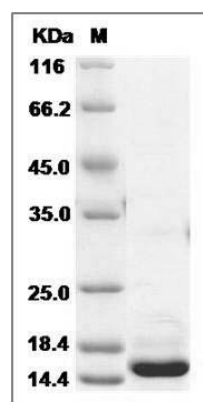
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



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