

Recombinant human HMGB1 protein, C-His (HEK293)

Catalog Number: bs-47110P

Concentration: >0.5 mg/ml

AA Seq: 1-215/215

Predicted MW: 26

Detected MW: Due to glycosylation, the protein migrates to 55-70 kDa based on Tris-Bis PAGE result.

Tags: C-His

Activity: Not tested

Endotoxin: <1.0 EU/μg as determined by LAL

Purity: >95% as determined by Tris-Bis PAGE; >95% as determined by SEC-HPLC

Purification: AC

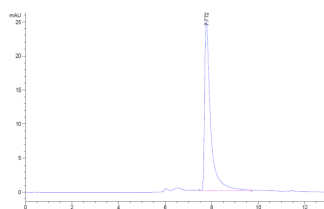
Form: Lyophilized

Storage: Lyophilized from 0.22um filtered solution in PBS (pH7.4) with 5mM DTT. Normally 5% trehalose is added as protectant before Lyophilization.

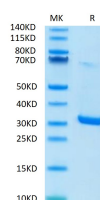
Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: High Mobility Group Box-1 (HMGB1) is a cytokine implicated in the pathogenesis of rheumatoid arthritis (RA) and other inflammatory diseases. The cholinergic anti-inflammatory pathway, a vagus nerve dependent mechanism, inhibits HMGB1 release in experimental disease models

VALIDATION IMAGES



The purity of Human HMGB1 Protein is greater than 95% as determined by SEC-HPLC.



Human HMGB1 Protein on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.