

Active Recombinant Human HMGB1 protein, His-tagged

Cat. No. HMGB1-3827H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human HMGB1 protein(P09429-1)(Met1-Glu215) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	1-215 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Human AGER, His Tag immobilized on CM5 Chip can bind Human HMGB1, His Tag with an affinity constant of 0.19 µM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 26 kDa. Due to glycosylation, the protein migrates to 30-35 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name HMGB1 high mobility group box 1 [Homo sapiens]

Official Symbol HMGB1

Synonyms

HMGB1; high mobility group box 1; high mobility group (nonhistone chromosomal) protein 1 , high mobility group box 1 , HMG1; high mobility group protein B1; Amphoterin; DKFZp686A04236; high mobility group protein 1; HMG3; SBP 1; Sulfoglucuronyl carbohydrate binding protein; HMG-1; high-mobility group box 1; high-mobility group (nonhistone chromosomal) protein 1; HMG1; SBP-1;

Gene ID 3146

mRNA Refseq NM_002128

Protein Refseq NP_002119

MIM 163905

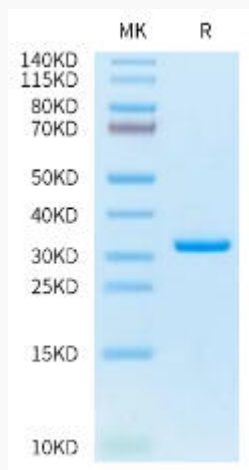
UniProt ID P09429

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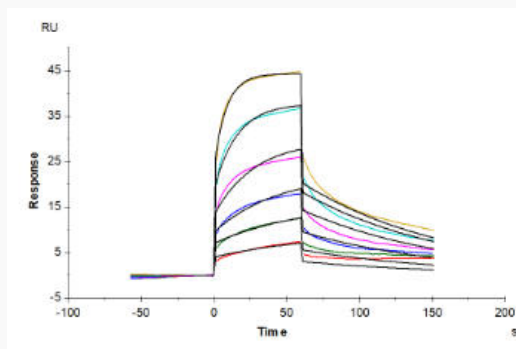
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Bis-Tris PAGE



SPR Data



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