

## Active Recombinant Rat HMGB1, HlgG1 Fc-tagged

Cat. No. HMGB1-001R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	The extracellular domain of rat HMGB1(NP_037095.1) (Arg24-Glu215) is fused to the N-terminus of the Fc region of human IgG1 was expressed in CHO cell.
<b>Species</b>	Rat
<b>Source</b>	CHO
<b>ProteinLength</b>	24-215 a.a.
<b>Form</b>	Lyophilized from 0.2µm-filtered solution in PBS.
<b>Bio-activity</b>	Measured in a competitive binding assay.
<b>Molecular Mass</b>	50KDa
<b>AA Sequence</b>	Arg24-Glu215
<b>Endotoxin</b>	<0.06 eu/µg="" as="" determined="" by="" lal="">
<b>Purity</b>	≥98%, by SDS-PAGE under reducing conditions.
<b>Stability</b>	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
<b>Reconstitution</b>	Reconstitute at 100µg/ml in sterile PBS.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

**Warning** Avoid freeze/thaw cycles.

## GENE INFORMATION

**Gene Name** [Hmgb1 high mobility group box 1 \[ Rattus norvegicus \]](#)

**Official Symbol** HMGB1

**Synonyms** HMGB1; high mobility group box 1; high mobility group protein B1; HMG-1; amphoterin; high mobility group 1; heparin-binding protein p30; high mobility group protein 1; Hmg1; Ac2-008; MGC93598; MGC93599;

**Gene ID** [25459](#)

**mRNA Refseq** [NM\\_012963](#)

**Protein Refseq** [NP\\_037095](#)

**Pathway** Androgen Receptor Signaling Pathway, organism-specific biosystem; Base excision repair, organism-specific biosystem; Base excision repair, conserved biosystem;

**Function** 5S rRNA binding; DNA binding, bending; DNA binding, bending; RAGE receptor binding; RAGE receptor binding; bent DNA binding; calcium-dependent protein kinase regulator activity; crossed form four-way junction DNA binding; cytokine activity; cytokine activ

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