

Active Recombinant Rat HMGB1, HIgG1 Fc-tagged

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

SPECIFICATION

Product Overview	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.
Species	Rat
Source	CHO
ProteinLength	24-215 a.a.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured in a competitive binding assay.
Molecular Mass	50KDa
AA Sequence	Arg24-Glu215
Endotoxin	<0.06 eu/µg="" as="" determined="" by="" la="">
Purity	≥98%, by SDS-PAGE under reducing conditions.
Stability	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.
Reconstitution	Reconstitute at 100µg/ml in sterile PBS.

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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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