

Active Recombinant Mouse Hmgb1 protein(Met1-Glu215), hFc-tagged

Cat. No. Hmgb1-6948M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse HMGB1 (P63158) (Met 1-Glu 215) was expressed in HEK293, fused with the Fc region of Human IgG1 at the N-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Glu215
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to bind mouse AGER-His in functional ELISA.
Molecular Mass	The recombinant mouse HMGB1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 475 amino acids and has a calculated molecular mass of 53.3 kDa. The apparent molecular mass of the monomer is approximately 57 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

 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

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

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Hmgb1 high mobility group box 1 [*Mus musculus*]

Official Symbol Hmgb1

Synonyms

HMGB1; high mobility group box 1; high mobility group protein B1; high mobility group protein 1; DEF; p30; Hmg1; HMG-1; SBP-1; amphoterin; MGC103168; MGC103169; MGC117896; MGC117897;

Gene ID 15289

mRNA Refseq NM_010439

Protein Refseq NP_034569

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