

Recombinant Rat Hmgb2 Protein, His-tagged

Cat. No. Hmgb2-1626R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Hmgb2 Protein (Gly2-Pro187) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Gly2-Pro187
Description	Enables lipid binding activity and nucleosomal histone binding activity. Involved in animal organ regeneration; nervous system development; and positive regulation of nucleobase-containing compound metabolic process. Located in nucleus. Orthologous to human HMGB2 (high mobility group box 2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24.8 kDa Accurate Molecular Mass: 29 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

Hmgb2 high mobility group box 2 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Hmgb2

Synonyms

HMGB2; high mobility group box 2;

Gene ID

29395

mRNA Refseq

NM_017187

Protein Refseq

NP_058883

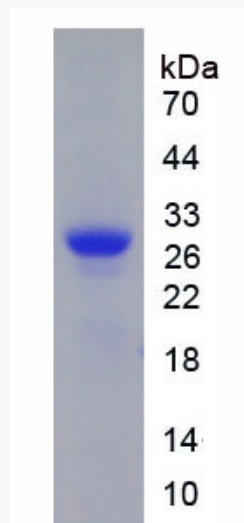
UniProt ID

P52925

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