Recombinant Rat Hmgb4 Protein, His-tagged

Cat. No. Hmgb4-1628R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Hmgb4 Protein (Met1-Glu181) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Met1-Glu181
Description	Predicted to enable DNA binding activity, bending. Predicted to be involved in regulation of transcription by RNA polymerase II. Predicted to be located in nucleus. Orthologous to human HMGB4 (high mobility group box 4).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.2 kDa Accurate Molecular Mass: 25 kDa
Purity	> 95%
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 48h, and no obvious degradation and precipitation were observed. The loss rate is

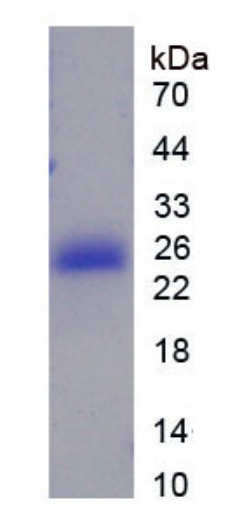
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	less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, 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	Hmgb4 high-mobility group box 4 [Rattus norvegicus (Norway rat)]
Official Symbol	Hmgb4
Synonyms	HMGB4; high-mobility group box 4; high mobility group protein B4;
Gene ID	685271
mRNA Refseq	NM_001109463
Protein Refseq	NP_001102933
UniProt ID	D3ZMW8

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