Recombinant Mouse Hmgn5 Protein, His&GST-tagged

Cat. No. Hmgn5-1631M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hmgn5 Protein (Arg20-Val172) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Arg20-Val172
Description	Enables chromatin binding activity. Acts upstream of or within chromatin organization; glutathione metabolic process; and regulation of transcription by RNA polymerase II. Located in nucleoplasm. Is expressed in several structures, including 1st branchial arch; genitourinary system; gut gland; hemolymphoid system gland; and musculature. Orthologous to human HMGN5 (high mobility group nucleosome binding domain 5).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 46.9 kDa Accurate Molecular Mass: 52 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

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	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 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	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Hmgn5 high-mobility group nucleosome binding domain 5 [Mus musculus (house mouse)]
Official Symbol	Hmgn5
Synonyms	HMGN5; high-mobility group nucleosome binding domain 5; high mobility group nucleosome-binding domain-containing protein 5; snoRNA MBII-8; nucleosome binding protein 1; nucleosome-binding protein 1; nucleosome binding protein 45; nucleosome-binding protein 45; high-mobility group nucleosome-binding domain-containing protein 5; Nsbp1; GARP45; NBP-45; MGC103386;
Gene ID	50887
mRNA Refseq	NM_016710
Protein Refseq	NP_057919
UniProt ID	Q9JL35

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