

Recombinant Human HMGN2 protein, His-tagged

Cat. No. HMGN2-1445H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HMGN2 aa. (Pro2~Gln81) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Pro2~Gln81
Description	The protein encoded by this gene binds nucleosomal DNA and is associated with transcriptionally active chromatin. Along with a similar protein, HMGN1, the encoded protein may help maintain an open chromatin configuration around transcribable genes. The protein has also been found to have antimicrobial activity against bacteria, viruses and fungi.
Form	Freeze-dried powder
Molecular Mass	5kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method).
Purity	>90%
Characteristic	The isoelectric point is 10.2.

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Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays; Purification; Amine Reactive Labeling.
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°C 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°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200g/mL
Storage buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex. Note: It is better to add glycerol to keep stability after reconstituted.

GENE INFORMATION

Gene Name	HMGN2 high mobility group nucleosomal binding domain 2 [Homo sapiens (human)]
Official Symbol	HMGN2
Synonyms	HMG17; high mobility group nucleosome-binding domain-containing protein 2; high mobility group protein N2; high-mobility group (nonhistone chromosomal) protein 17; nonhistone chromosomal protein HMG-17; non-histone chromosomal protein HMG-17
Gene ID	3151
mRNA Refseq	NM_005517.3

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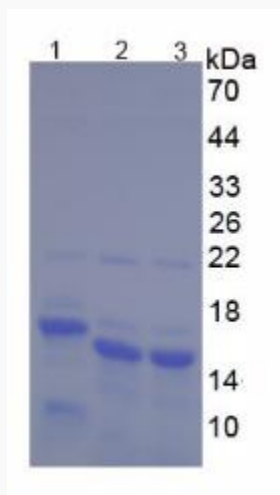
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Protein Refseq NP_005508.1

UniProt ID P05204

SDS-PAGE



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