

Recombinant Human HMGN1, GST-tagged

Cat. No. HMGN1-13849H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HMGN1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-100a.a.
Description	The protein encoded by this gene binds nucleosomal DNA and is associated with transcriptionally active chromatin. Along with a similar protein, HMG17, the encoded protein may help maintain an open chromatin configuration around transcribable genes.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	HMGN1 high mobility group nucleosome binding domain 1 [Homo sapiens]
Official Symbol	HMGN1

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Synonyms	HMGN1; high mobility group nucleosome binding domain 1; high mobility group (nonhistone chromosomal) protein 14 , high mobility group nucleosome binding domain 1 , HMG14; non-histone chromosomal protein HMG-14; FLJ27265; FLJ31471; high mobility group nucleosome binding 1; MGC104230; MGC117425; nonhistone chromosomal protein HMG 14; nonhistone chromosomal protein HMG-14; high-mobility group nucleosome binding 1; high-mobility group nucleosome binding domain 1; high-mobility group (nonhistone chromosomal) protein 14; high mobility group nucleosome-binding domain-containing protein 1; HMG14;
Gene ID	3150
mRNA Refseq	NM_004965
Protein Refseq	NP_004956
MIM	163920
UniProt ID	P05114
Chromosome Location	21q22.3
Pathway	Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem; p38 MAPK Signaling Pathway, organism-specific biosystem;
Function	DNA binding;