

Recombinant Full Length Human HMGN1 Protein, GST-tagged

Cat. No. HMGN1-3658HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HMGN1 full-length ORF (AAH23984, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	100 amino acids
Description	Chromosomal protein HMG14 and its close analog HMG17 (MIM 163910) bind to the inner side of the nucleosomal DNA, potentially altering the interaction between the DNA and the histone octamer. The 2 proteins may be involved in the process that maintains transcribable genes in a unique chromatin conformation. Their ubiquitous distribution and relative abundance, as well as the high evolutionary conservation of the DNA-binding domain of the HMG14 family of proteins, suggest that they may be involved in an important cellular function.[supplied by OMIM]
Molecular Mass	36.74 kDa
AA Sequence	MPKRKVSSTEGAAKEPKRRSARLSAKPPAKVEAKPKKAAAKDKSSDKKVQTKGKR GAKGKQAEVANQETKEDLPAENGETKTEESPASDEAGEKEAKSD
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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	Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	HMGN1 high mobility group nucleosome binding domain 1 [Homo sapiens]
Official Symbol	HMGN1
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

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UniProt ID

P05114

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