

Recombinant Human HMGN1, His-tagged

Cat. No. HMGN1-2050H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human HMGN1 protein fused to His-tag was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. 11.7 kDa (108aa).
Species	Human
Source	E.coli
Description	SRY (sex determining region Y)-box 2, also known as SOX2, is a transcription factor that is essential to maintain self-renewal of undifferentiated embryonic stem cells. This Protein is a member of the SRY-related HMG-box (SOX) family of transcription factors involved in the regulation of embryonic development and in the determination of cell fate. The product of this gene is required for stem-cell maintenance in the central nervous system, and also regulates gene expression in the stomach.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl, 1mM DTT, 0.1mM PMSF.
Purity	> 95% by SDS - PAGE.
Concentration	0.5 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MPKRKVSSAE GAAKEEPKRR SARLSAKPPA KVEAKPKKAA AKDKSSDKKV QTKGKRGAKG KQAEVANQET KEDLPAENGE TKTEESPASDEAGEKEAKSD LEHHHHHH.

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Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

HMGN1 high-mobility group nucleosome binding domain 1 [Homo sapiens]

Synonyms

high-mobility group nucleosome binding domain 1; HMG14; FLJ27265; FLJ31471; MGC104230; MGC117425; HMGN1; non-histone chromosomal protein HMG-14; nonhistone chromosomal protein HMG-14; high-mobility group (nonhistone chromosomal) protein 14; high mobility group nucleosome-binding domain-containing protein 1; High-mobility group nucleosome-binding domain-containing protein 1

Gene ID

3150

mRNA Refseq

NM_004965

Protein Refseq

NP_004956

MIM

163920

UniProt ID

P05114

Chromosome Location

21q22.3; 21q22.2

Function

DNA binding; RNA polymerase II transcription factor activity; positive transcription elongation factor activity

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