

Product information



HMGN1, 1-100 aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0515

Full name: Non-histone chromosomal protein HMG-14

NCBI Accession No.: NP_004956

Synonyms: HMG14, GC104230

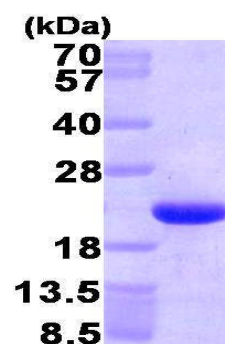
Description: HMGN1, also known as non-histone chromosomal protein HMG-14, belongs to the HMGN family. Chromosomal protein HMGN1 binds to the inner side of the nucleosomal DNA, potentially altering the interaction between the DNA and the histone octamer. This protein may be involved in the process that maintains transcribable genes in a unique chromatin conformation. Recombinant human HMGN1 protein was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol
0.1M NaCl, 1mM DTT, 0.1mM PMSF

Molecular Weight: 11.7 kDa (108aa), confirmed by MALDI-TOF

Purity: > 95% by SDS - PAGE

Concentration: 0.5 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MPKRKVVSAE GAAKEEPKRR SARLSAKPPA KVEAKPKKAA AKDKSSDKKV QTKGKRGAKG KQAEVANQET KEDLPAENGE TKTEESPASD
EAGEKEAKSD LEHHHHHH

General references:

Landsman D. *et al*, (1989) *J Biol Chem*. 264(6):3421-7

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

Product information



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.

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