

H mgN1, 1-100aa, Human, His tag, E.coli

Cat.NO.: TP02386

3th Edition

Synonyms:Non-histone chromosomal protein HMG-14, 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

Sequences:

MPKRKVSSAEGAAKEPKRRSARLSAKPPAKVEAKPKKAAAKDKSSDKKVQTKGKRGAKGKQAEVANQETKEDL
PAENGETKTEESPASDEAGEKEAKSDLEHHHHHH

Purity:> 95% by HPLC

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

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.