

AR09415PU-L

Human HMGN1 (1-100, His-tag) - Purified

Alternate names:

HMG-14, HMG14, High mobility group nucleosome-binding domain-containing protein 1, Non-histone chromosomal protein HMG-14

Quantity:

0.25 mg

Background:

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.

Uniprot ID:

[P05114](#)

NCBI:

[NP_004956](#)

GenelD:

[3150](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >95% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1 M NaCl, 1 mM DTT, 0.1 mM PMSF

Description:

Recombinant human HMGN1 protein, fused to His-tag, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MPKRKVSSAE GAAKEPKRR SARLSAKPPA KVEAKPKKAA AKDKSSDKKV QTKGKRGAKG
KQAEVANQET KEDLPAENGE TKTEESPASD EAGEKEAKSD LEHHHHHH

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

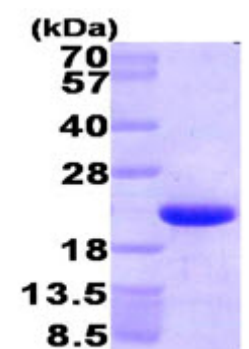
Storage:

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human HMGN1, 1-100 aa,
His-tagged: 15% SDS-PAGE (3 µg)

