

Datasheet for ABIN667774

HMGN1 Protein (AA 1-100) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	HMGN1
Protein Characteristics:	AA 1-100
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HMGN1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	HMGN1, 1-100aa, Human, His tag, E.coli
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	HMGN1
Alternative Name:	HMGN1 (HMGN1 Products)
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. Recombinant human HMGN1 protein was expressed in E.coli and purified by

Target Details

using conventional chromatography techniques. Synonyms: HMG14, GC104230, Non-histone chromosomal protein HMG-14 FLJ27265, FLJ31471, High mobility group (nonhistone chromosomal) protein 14, High mobility group nucleosome binding 1, High mobility group nucleosome binding domain 1, High mobility group nucleosome binding domain containing protein 1, High mobility group protein 14, HMG 14 HMGN 1, HMGN1, MGC104230, MGC117425, Nonhistone chromosomal protein HMG 14, Nonhistone chromosomal protein HMG14. NCBI no.: NP_004956

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

Pathways: [Chromatin Binding](#)

Application Details

Restrictions: For Research Use only

Handling

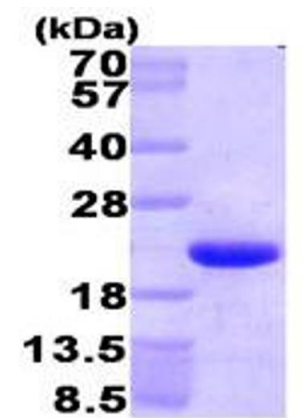
Format: Liquid

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

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

Storage: 4 °C

Images



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.