

## Product datasheet for **TP310454**

### HMG14 (HMGN1) (NM\_004965) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human high-mobility group nucleosome binding domain 1 (HMGN1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210454 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MPKRKVSSTEGAAKEPKRRSARLSAKPPAKVEANPKKAAAKDKSSDKKVQTKGKRGAKGKQAEVANQET KEDLPAENGETKTEESPASDEAGEKEAKSD
	<b>TR</b> TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	10.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_004956</a>
Locus ID:	3150
UniProt ID:	<a href="#">P05114</a> , <a href="#">Q6NSG7</a>
RefSeq Size:	1313



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Cytogenetics: 21q22.2

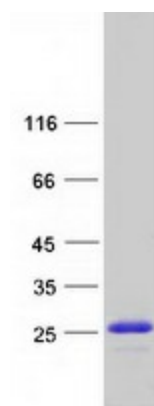
RefSeq ORF: 300

Synonyms: HMG14

**Summary:** The protein encoded by this gene binds nucleosomal DNA and is associated with transcriptionally active chromatin. Along with a similar protein, HMG17, the encoded protein may help maintain an open chromatin configuration around transcribable genes. [provided by RefSeq, Aug 2011]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified HMGN1 protein (Cat# TP310454). The protein was produced from HEK293T cells transfected with HMGN1 cDNA clone (Cat# [RC210454]) using MegaTran 2.0 (Cat# [TT210002]).