

## Product datasheet for PH310454

### HMG14 (HMGN1) (NM\_004965) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	HMGN1 MS Standard C13 and N15-labeled recombinant protein (NP_004956)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210454
Predicted MW:	10.7 kDa
Protein Sequence:	>RC210454 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MPKRKVSSTEGAAKEEPKRRSARLSAKPPAKVEANPKKAAAKDKSSDKKVQTKGKRGAKGKQAEVANQET KEDLPAENGETKTEESPASDEAGEKEAKSD  <b>TR</b> TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_004956</a>
RefSeq Size:	1313
RefSeq ORF:	300
Synonyms:	HMG14
Locus ID:	3150
UniProt ID:	<a href="#">P05114</a> , <a href="#">Q6NSG7</a>
Cytogenetics:	21q22.2

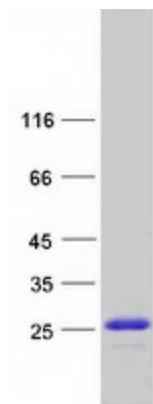


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**Summary:** The protein encoded by this gene binds nucleosomal DNA and is associated with transcriptionally active chromatin. Along with a similar protein, HMG17, the encoded protein may help maintain an open chromatin configuration around transcribable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