

Product datasheet for PH313403

HMGN3 (NM_004242) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HMGN3 MS Standard C13 and N15-labeled recombinant protein (NP_004233)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213403
Predicted MW:	10.5 kDa
Protein Sequence:	>RC213403 representing NM_004242 Red=Cloning site Green=Tags(s) MPKRKSPENTEGKDGSKVTKQEPTRRSARLSAKPAPPKPEPKPRKTSAKKEPGAKISRGAKGKKEEKQEA GKEGTAPSENGETKAEEAQKTESVDNEGE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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:	NP_004233
RefSeq Size:	935
RefSeq ORF:	297
Synonyms:	PNAS-24; PNAS-25; TRIP7
Locus ID:	9324
UniProt ID:	Q15651
Cytogenetics:	6q14.1



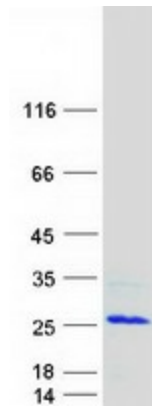
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Summary:

The protein encoded by this gene binds thyroid hormone receptor beta in the presence of thyroid hormone. The encoded protein, a member of the HMGN protein family, is thought to reduce the compactness of the chromatin fiber in nucleosomes, thereby enhancing transcription from chromatin templates. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. There is a related pseudogene on chromosome 1. [provided by RefSeq, Jan 2016]

Protein Families:

Druggable Genome

Product images:

Coomassie blue staining of purified HMGN3 protein (Cat# [TP313403]). The protein was produced from HEK293T cells transfected with HMGN3 cDNA clone (Cat# [RC213403]) using MegaTran 2.0 (Cat# [TT210002]).