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Product datasheet for TP313403

HMGN3 (NM_004242) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human high mobility group nucleosomal binding domain 3 (HMGN3), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213403 representing NM_004242 Red=Cloning site Green=Tags(s) MPKRKSPENTEGKDGSKVTKQEPTRRSARLSAKPAPPKPEPKPRKTSAKKEPGAKISRGAKGKKEEKQEA GKEGTAPSENGETKAEEAQKTESVDNEGE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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:	NP_004233
Locus ID:	9324
UniProt ID:	Q15651
RefSeq Size:	935

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Cytogenetics: 6q14.1

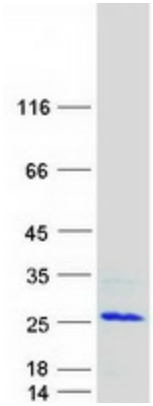
RefSeq ORF: 297

Synonyms: PNAS-24; PNAS-25; TRIP7

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]).