

Recombinant Human HMGN3 protein, MYC/DDK-tagged

Cat. No. HMGN3-525H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Human HMGN3, transcript variant 1, fused with MYC/DDK tag at C-terminal was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| Description | <p>Thyroid hormone receptors are hormone-dependent transcription factors that regulate expression of a variety of specific target genes. The protein encoded by this gene binds thyroid hormone receptor beta, but only in the presence of thyroid hormone.</p> <p>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.</p> |
| Form | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |
| Molecular Mass | 10.5 kDa |
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration | >50 ug/mL as determined by microplate BCA method |

GENE INFORMATION

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| Gene Name | HMGN3 high mobility group nucleosomal binding domain 3 [Homo sapiens] |
| Official Symbol | HMGN3 |
| Synonyms | HMGN3; high mobility group nucleosomal binding domain 3; thyroid hormone receptor interactor 7 , TRIP7; high mobility group nucleosome-binding domain-containing protein 3; TR-interacting protein 7; thyroid hormone receptor interacting protein 7; TRIP7; PNAS-24; PNAS-25; FLJ42187; DKFZp686E20226; |
| Gene ID | 9324 |
| mRNA Refseq | NM_004242 |
| Protein Refseq | NP_004233 |
| MIM | 604502 |
| UniProt ID | Q15651 |
| Chromosome Location | 6q14.3 |
| Function | DNA binding; chromatin binding; thyroid hormone receptor binding; |

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