

Recombinant Human HMGN3 Protein, His-tagged

Cat. No. HMGN3-2247H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human HMGN3 Protein (Met1-Glu99) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Glu99
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 14.4 kDa Accurate Molecular Mass: 17 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	HMGN3 high mobility group nucleosomal binding domain 3 [Homo sapiens (human)]
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_001201362
Protein Refseq	NP_001188291

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MIM	604502
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UniProt ID	Q15651
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