
Product Data Sheet

Product Name: HMGN3 Human
 Cat. No.: GP23662
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	High Mobility Group Nucleosomal Binding Domain 3; TRIP7;TR-Interacting Protein 7; High Mobility Group Nucleosome-BindingDomain-Containing Protein 3; Thyroid Hormone Receptor Interacting Protein 7; ThyroidReceptor-Interacting Protein 7; Thyroid Hormone Receptor Interactor 7; PNAS-24;PNAS-25; TRIP-7; High mobility group nucleosome-binding domain-containingprotein 3.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMPKRKSP ENTEGKDGSK VTKQEPTRRS ARLSAKPAPP KPEPKPRKTSAKKEPGAKIS RGAKGKKEEK QEAGKEGTEN.		
Formulation	HMGN3 protein solution (0.5mg/ml) containing 20mMTris-HCl buffer (pH7.0) and 10% glycerol.		

Introduction

High Mobility Group Nucleosomal Binding Domain 3 (HMGN3), binds thyroidhormone receptor beta, however it occurs only in the presence of thyroidhormone. Thyroid hormone receptors are hormone-dependent transcription factorswhich regulate expression of a variety of particular target genes. HMGN3 is considered to reduce the compactnessof the chromatin fiber in nucleosomes, in that way enhancing transcription fromchromatin templates.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks.

Background

HMGN3 Human Recombinant produced in E.Coli is a single,non-glycosylated polypeptide chain containing 100 amino acids (1-77 a.a) andhaving a molecular mass of 10.8 kDa.HMGN3 is fused to a 23 amino acid His-tag at N-terminus& purified by proprietary

Caution: Product has not been fully validated for medical applications. For research use only.

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chromatographic techniques.

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