

## 32-3977: HMGN3 Recombinant Protein

**Alternative Name :** High Mobility Group Nucleosomal Binding Domain 3,TRIP7, TR-Interacting Protein 7,High Mobility Group Nucleosome-Binding Domain-Containing Protein 3,Thyroid Hormone Receptor Interacting Protein 7,Thyroid Receptor-Interacting Protein 7,Thyroid Hor

### Description

Source : Escherichia Coli. HMGN3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 100 amino acids (1-77 a.a) and having a molecular mass of 10.8 kDa. HMGN3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. High Mobility Group Nucleosomal Binding Domain 3 (HMGN3), binds thyroid hormone receptor beta, however it occurs only in the presence of thyroid hormone. Thyroid hormone receptors are hormone-dependent transcription factors which regulate expression of a variety of particular target genes. HMGN3 is considered to reduce the compactness of the chromatin fiber in nucleosomes, in that way enhancing transcription from chromatin templates.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 95% as determined by SDS-PAGE.  
**Content :** HMGN3 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH7.0) and 10% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSSLVPRGSH MGSMPKRKSP ENTEGKDGSK VTKQEPTRRS ARLSAKPAPP KPEPKPRKTS AKKEPGAKIS RGAKGKKEEK QEAGKEGTEN.

