

HMGN3, 1-77aa, Human, His tag, E.coli

Cat.NO.: TP02473

3th Edition

Synonyms:High mobility group nucleosomal binding domain 3, PNAS-24, PNAS-25, TRIP7

Description:HMGN3, also known as high mobility group nucleosomal binding domain 3, binds thyroid hormone receptor beta, but only in the presence of thyroid hormone. Thyroid hormone receptors are hormone-dependent transcription factors that regulate expression of a variety of specific target genes. It is thought to reduce the compactness of the chromatin fiber in nucleosomes, thereby enhancing transcription from chromatin templates. Recombinant human HMGN3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

Form:Liquid. 20mM Tris-HCl buffer (pH7.0) containing 10% glycerol

Molecular Weight:10.8 kDa(100aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMPCRKSPENTEGKDGSKVTKQEPTRRSARLSAKPAPPKPEPKPRKTSKKE
PGAKISRGAKGKKEEKQEAGKEGTEN

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by BCA assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.