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## Product Data Sheet

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Product Name: THAP7 Human  
 Cat. No.: GP24820  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	THAP domain containing 7; THAP7.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMPRHCSA AGCCTRDTR TRNRGISFHR LPKKDNPRRG LWLANCQRLD PSGQGLWDPA SEYIYFCSKH FEEDCFELVG ISGYHRLKEG AVPTIFESFS KLRRTTKTKG HSYPGPAEV SRLRRCRKRC SEGRGPTTPF SPPPPADVTC FPVEEASAPA TLPASPAGRL EPGLSSPFSD LLGPLGAQAD EAGCSAQSP ERQPSLEPR PVSPSAYMLR LPPPAGAYIQ NEHSYQVGSA LLWKRRAEAA LDALDKAQRQ LQACKRREQR LRLRLTKLQQ ERAREKRAQA DARQTLKEHV QDFAMQLSSS MA.		
Formulation	THAP7 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.		

### Introduction

THAP Domain Containing, Apoptosis Associated Protein 7 (THAP7) holds one THAP-type zinc finger. THAP7 is a chromatin-associated, histone tail-binding protein which represses transcription by recruiting HDAC3 and nuclear hormone receptor corepressors.

### Stability

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.

### Background

THAP7 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 332 amino acids (1-309 a.a) and having a molecular mass of 36.8kDa. THAP7 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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

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