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**Product Data Sheet**


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Product Name: THOC7 Human  
 Cat. No.: GP24823  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	THO Complex 7; Functional Spliceosome-Associated Protein24; NIF3L1BP1; Ngg1-Interacting Factor 3-Like Protein 1-Binding Protein 1; Ngg1Interacting Factor 3 Like 1 Binding Protein 1; NIF3L1-Binding Protein 1; HTREX30; FSAP24; THO Complex 7 Homolog (Drosophila); THO Complex Subunit 7Homolog; THO Complex 7 Homolog; fSAP24; hTREX30.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMGAVTDD EVIRKRLID GDGAGDDRRRI NLLVKFSIKW CNSGSQEEGYSQYQRMLSTL SQCEFSMGKT LLVYDMNLRE MENYEKIYKE IECSIAGAHE KIAECKKQIL QAKRIRKNRQEYDALAKVIQ HHPDRHETLK ELEALGKELE HLSHIKESVE DKLELRRKQF HVLLSTIHEL QQTLENDEKLSEVEEAQEAS METDPKP.		
Formulation	THOC7 protein solution (0. 5mg/ml) containing Phosphatebuffered saline (pH7.4) and 50% glycerol, 1mM DTT.		

**Introduction**

THO Complex 7, also known as THOC7, is a component of the THO subcomplex of the TREX complex which couples mRNA transcription, processing and nuclear export, and which related to spliced mRNA. THOC7 is a protein coding gene which is essential for export of polyadenylated RNA. Furthermore, THOC7 is associated with RNA transport.

**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**

THOC7 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide

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

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chain containing 227 amino acids (1-204 a.a) and having a molecular mass of 26.1kDa. THOC7 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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