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THOC7, 1-204aa, Human, His tag, E.coli

产品货号: TP04207

第三版

别名:THO complex subunit 7 homolog, fSAP24, hTREX30, NIF3L1BP1

**描述:**THOC7 is required for efficient export of polyadenylated RNA. This protein acts as component of the THO subcomplex of the TREX complex which is thought to couple mRNA transcription, processing and nuclear export, and which specifically associates with spliced mRNA and not with unspliced pre-mRNA. TREX is recruited to spliced mRNAs by a transcription-independent mechanism, binds to mRNA upstream of the exon-junction complex (EJC) and is recruited in a splicing- and cap-dependent manner to a region near the 5' end of the mRNA where it functions in mRNA export to the cytoplasm via the TAP/NFX1 pathway. The TREX complex is essential for the export of Kaposi's sarcoma-associated herpesvirus (KSHV) intronless mRNAs and infectious virus production. Recombinant human THOC7 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:**Liquid. In Phosphate buffered saline (pH7.4) containing, 50% glycerol, 1mM DTT

**分子量:**26.1kDa (227aa) confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMGSMGAVTDDEVIRKRLIDGDGAGDDRRINLLVKSFIKWCNSGSGQEEGYSQYQRMLS  
TLSQCEFSMGKTLLVYDMNLREMEYKIKYKEIECSIAGAHEKIAECKKQILQAKRIRKNRQEYDALAKVIQHHPDRHETL  
KELEALGKELEHLSHIKESVEDKLELRKQFHVLLSTIHELQQTLENDEKLSEVEEAQEASMETDPKP

**纯度:**> 95% by HPLC

**浓度:**0.5 mg/ml (determined by Bradford assay)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:**+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.