

PRODUCT INFORMATION

Target	THOC7
Synonyms	fSAP24; hTRES30; NIF3L1BP1
Description	Recombinant protein of human THO complex 7 homolog (Drosophila) (THOC7)
Delivery	2-3 weeks
Uniprot ID	Q6I9Y2
Expression Host	HEK293T
Tag	C-Myc/DDK
Molecular Characterization	N/A
Molecular Weight	23.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Formulation & Reconstitution	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Storage & Shipping	Store at -80°C.
Background	Required for efficient export of polyadenylated RNA. 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.[UniProtKB/Swiss-Prot Function]
Usage	Research use only
Conjugate	Unconjugated

