

Recombinant Mouse Thoc6 Protein, Myc/DDK-tagged

Cat. No. Thoc6-6414M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length THO complex 6 (Thoc6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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. Plays a role in apoptosis negative control involved in brain development.
Molecular Mass	37.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Thoc6 THO complex 6 [*Mus musculus* (house mouse)]

Official Symbol Thoc6

Synonyms THOC6; THO complex 6 homolog (*Drosophila*); THO complex subunit 6 homolog; WD repeat domain 58; WD repeat-containing protein 58; Wdr58; F830014G06Rik; MGC107304; MGC109691

Gene ID 386612

mRNA Refseq NM_001008425

Protein Refseq NP_001008425

UniProt ID Q5U4D9

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