

Recombinant Human THOC6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. THOC6-3175H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	THOC6 MS Standard C13 and N15-labeled recombinant protein (NP_077315) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a subunit of the multi-protein THO complex, which is involved in coordination between transcription and mRNA processing. The THO complex is a component of the TREX (transcription/export) complex, which is involved in transcription and export of mRNAs. A missense mutation in this gene is associated with a neurodevelopmental disorder called Beaulieu-Boycott-Innes syndrome.
Molecular Mass	37.5 kDa
AA Sequence	MERAVPLAVPLGQTEVFQALQRLHMTIFSQSVSPCGKFLAAGNNYGQIAIFSLSSAL SSEAKEESKKPVVTFQAHDGPVYSMVSTDRHLLSAGDGEVKAWLWAEMLKKGCKE LWRRQPPYRTSLEVPEINALLLVPKENSLILAGGDCQLHTMDLETGTFTRVLRGHTD YIHCLALRERSPEVLSSGGEDGAVRLWDLRTAKEVQTIEVYKHEECSRPHNGRWIGC LATDSDWMVCGGGPALTLWHLRSSTPTTIFPIRAPQKHVTFYQDLILSAGQGRCVN QWQLSGELKAQVPGSSPGLLSLSLNQQPAAPECKVLTAAGNSCRVDVFTNLGYRA FSLSFTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	THOC6 THO complex 6 [Homo sapiens (human)]
Official Symbol	THOC6
Synonyms	THOC6; THO complex 6 homolog (Drosophila); WD repeat domain 58, WDR58; THO complex subunit 6 homolog; fSAP35; functional spliceosome associated protein 35; MGC2655; WD repeat domain 58; WD repeat-containing protein 58; functional spliceosome-associated protein 35; WDR58;
Gene ID	79228
mRNA Refseq	NM_024339
Protein Refseq	NP_077315
MIM	615403
UniProt ID	Q86W42

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