

Recombinant Full Length Human THOC1 Protein, C-Flag-tagged

Cat. No. THOC1-1203HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human THOC1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	HPR1 is part of the TREX (transcription/export) complex, which includes TEX1, THO2, ALY, and UAP56.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	75.5 kDa
AA Sequence	MSPTPPLFSLPEARTRFTKSTREALNNKNIKPLLSTFSQVPGSENEKKCTLDQAFRGI LEEEIINHSSCE NVLAIISLAIGGVTEGICTASTPFVLLGDVLDCLPLDQCDTIFTFVEK NVATWKSNTFYSAAGKNYLLRMC NDLLRRLSKSQNTVFCGRIQLFLARLFPLSEKSG LNLQSQFNLENVTVFNTNEQESTLGQKHTEDREEGM DVEEGEMGDDEEAPTTCSEPI DYNLYRKFWSLQDYFRNPVQCYEKISWKTFLLKYSEEVLAVFKSYKLDDTQ ASRKKM EELKTGGGEHVYFAKFLTSEKLMDLQLSDSNFRRHILLQYLILFQYLKGQVKFKSSNYV LTDEQS LWIEDTTKSVYQLLENPPDGERFSKMVEHILNTEENWNSWKNEGCPSFV KERTSDTKPTRIRKRTAPE DFLGKGPTKKILMGNEELTRLWNLCPDNMEACKSETR EHMPTLEEFFEEAIEQADPENMVENEYKAVNNS NYGWRALRLLARRSPHFFQPTN QQFKSLPEYLENMVIKLAKELPPPSEEIKTGEDEDEEDNDALLKENES PDVRRDKPV

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TGEQIEVFANKLGEQWKILAPYLEMKDSEIRQIECDSEDMKMRAKQLLVAWQDQEG
 VHATP
 ENLINALNKSGLSDLAESLTNDNETNSTRTTRPLEQKLISEEDLAANDILDYKDDDDKV

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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Proteasome, Spliceosome
Full Length	Full L.

GENE INFORMATION

Gene Name	THOC1 THO complex subunit 1 [Homo sapiens (human)]
Official Symbol	THOC1
Synonyms	P84; HPR1; P84N5
Gene ID	9984
mRNA Refseq	NM_005131.3

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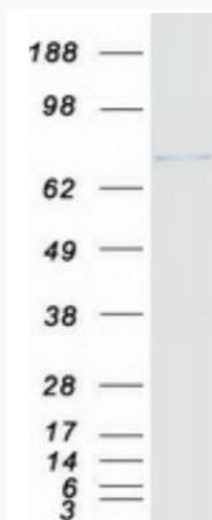
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Protein Refseq NP_005122.2

MIM 606930

UniProt ID Q96FV9



Coomassie blue staining of purified THOC1 protein.

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