

## Product datasheet for **TP303117M**

### Nuclear Matrix Protein p84 (THOC1) (NM\_005131) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human THO complex 1 (THOC1), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC203117 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MSPTPPLFSLPEARTRFTKSTREALNNKNIKPLLSTFSQVPGSENEKKCTLDQAFRGILEEEIINHSSCE  
NVLAIISLAIGGVTEGICTASTPFVLLGDVLDCLPLDQCDTIFFVEKKNVATWKSNTFYSAGKNYLLRMC  
NDLLRRLSKSQNTVFCGRIQLFLARLFPLSEKSLNLQSQFNLENVTVFNTNEQESTLGQKHTEDREEGM  
DVEEGEMGDEEAPPTCSIPIDYNLYRKFWSLQDYFRNPVQCYEKISWKTFLKYSEEVLAVFKSYKLDLDTQ  
ASRKKMEELKTGGEHVYFAKFLTSEKMLMDLQLSDSNFRRHILLQYLILFQYLKGGQVKFKSSNYVLTDEQS  
LWIEDTTKSVYQLLENPPDGERFSKMVEHILNTEENWNSWKNNEGCPSEVFKERTSDTKPTRIIRKRTAPE  
DFLGKGPCKKILMGNEELTRLWNLCPDNMEACKSETREHMPTLEEFFEEAIEQADPENMVENEYKAVNNS  
NYGWRALRLLARRSPHFFQPTNQQFKSLPEYLENMVVKLAKELPPPSEEIKTGEDEDEEDNDALLKENES  
PDVRRDKPVTGEQIEVFANKLGEQWKILAPYLEMKDSEIRQIECDSEDMKMRKQQLLVAWQDQEGVHATP  
ENLINALNKSGLSDLAESLTNDNETNS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 75.5 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

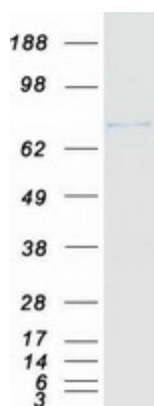
**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u>NP_005122</u>
<b>Locus ID:</b>	9984
<b>UniProt ID:</b>	<u>Q96FV9</u>
<b>RefSeq Size:</b>	2133
<b>Cytogenetics:</b>	18p11.32
<b>RefSeq ORF:</b>	1971
<b>Synonyms:</b>	HPR1; P84; P84N5
<b>Summary:</b>	HPR1 is part of the TREX (transcription/export) complex, which includes TEX1 (MIM 606929), THO2 (MIM 300395), ALY (MIM 604171), and UAP56 (MIM 142560).[supplied by OMIM, Nov 2010]
<b>Protein Pathways:</b>	Proteasome, Spliceosome

**Product images:**

Coomassie blue staining of purified THOC1 protein (Cat# [TP303117]). The protein was produced from HEK293T cells transfected with THOC1 cDNA clone (Cat# [RC203117]) using MegaTran 2.0 (Cat# [TT210002]).