

## Product datasheet for PH303117

### Nuclear Matrix Protein p84 (THOC1) (NM\_005131) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	THOC1 MS Standard C13 and N15-labeled recombinant protein (NP_005122)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203117
Predicted MW:	75.7 kDa
Protein Sequence:	>RC203117 protein sequence Red=Cloning site Green=Tags(s)

MSPTPLFSLPEARTRFTKSTREALNNKNIKPLLSTFSQVPGSENEKKCTLDQAFRGILEEEIINHSSCE  
NVLAIIISLAIGGVTEGICTASTPFVLLGDVLDCLPLDQCDTIFTFVEKNVATWKSNTFYSAGKNYLLRMC  
NDLLRRLSKSQNTVFCGRIQLFLARLFPLSEKGLNLQSQFNLENVTVFNTNEQESTLGQKHTEDREEGM  
DVEEGEMGDDEEAPTTCSIPIDYNLYRKFWSLQDYFRNPVQCYEKISWKTFLKYSEEVLAVFKSYKLDLDTQ  
ASRKKMEELKTGGEHVYFAKFLTSEKLMQLSDSNFRRHILLQYLILFQYKGGQVKFKSSNYVLTDEQS  
LWIEDTTKSVYQLLSENPPDGERFSKMVEHILNTEENWNSWKNEGCPSFVKERTSDTKPTRIIRKRTAPE  
DFLGKGPTKKILMGNEELTRLWNLCPDNMEACKSETRHMPTLEEFFEEAIEQADPENMVENEYKAVNNS  
NYGWRALRLLARRSPHFFQPTNQQFKSLPEYLENMVIKLAKELEPPPSEEIKTGEDEDEEDNDALLKENES  
PDVRRDKPVTGEQIEVFANKLGEQWKILAPYLEMKDSEIRQIECDSEDMKMRKQLLVAWQDQEGVHATP  
ENLINALNKSGLSDLAESLTNDNETNS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

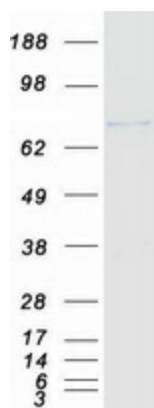
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_005122</a>
RefSeq Size:	2133



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RefSeq ORF:	1971
Synonyms:	HPR1; P84; P84N5
Locus ID:	9984
UniProt ID:	<a href="#">Q96FV9</a>
Cytogenetics:	18p11.32
Summary:	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]
Protein Pathways:	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]).