

## Product datasheet for PH311126

### TUT1 (NM\_022830) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	TUT1 MS Standard C13 and N15-labeled recombinant protein (NP_073741)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211126
Predicted MW:	93.8 kDa
Protein Sequence:	>RC211126 protein sequence Red=Cloning site Green=Tags(s)

MAAVSDVESLPRGGFRCLCHVTTANRPSLDAHLGGRKHRHLVELRAARKAQGLRSVVFSGFPRDVDSA  
QLSEYFLAFGPVASVVMKDKGVFAIVEMGDVGAREAVLSQSQHSLGGHRLRVRPREQKEFQSPASKSPK  
GAAPDSHLAKALAEAADVGAQMIKLVGLRELSEAERQLRSLVVALMQEVFTFFPGCVVHPFGSSINSF  
DVHGCDDLDFLDLGDLEEQPVKAPESPLSALASPLDPQALACTPASPPDSQPPASPQDSEALDFET  
PSSSLAPQTPDSALASETLASPQLPPASPLEDREEDLGKASELAETPKKEKAEGAAMLELVGSILRG  
CVPGVYRVQTPVSARRPVVVKFCHRPVSLHGDVSLSNRLALHNSRFLSLCSELDGVRVPLVYTLRCWAQGR  
GLSGSGPLL SNYALTLLVIYFLQTRDPPVLPVLSLQKAGEGEQVEVDGWDCSFPRDASRLEPSINVEP  
LSSLLAQFFSCVSCWDLRGSLLSLREGQALPVAGGLPSNLWEGLRGLPLNLQDPFDL SHNVAANVT SRVA  
GRLQNCRAAANYCRSLYQRRSSRGRDWGLLPLLQPSSPSSLLSATPIPLPLAPFTQLTAALVQVFREA  
LGCHIEQATKRTRSEGGTGESSQGGTSKRLKVDGQKNCCEEGKEEQGCAGDGGEDRVEEMVIEVGEMV  
QDWAMQSPGQPGDLPLTTGKHGAPGEEGQPSHAAL AERGPKGHEAAQEWSSQGEAGKASLPSSASWRCAL  
WHRVWQGRRRRARRRLQQQTKEGAGGGAGTRAGWLATEAQTQELKGLSGGEERPETEPLLSFVASVSPAD  
RMLTVTPLQDPQGLFPDLHHFLQVFLPQAIRHLK

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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.

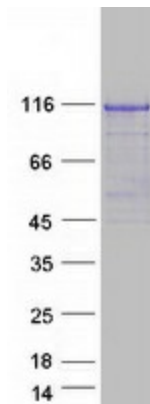


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RefSeq:	<a href="#">NP_073741</a>
RefSeq Size:	2844
RefSeq ORF:	2622
Synonyms:	PAPD2; RBM21; STARPAP; TENT1; TUTase; URLC6
Locus ID:	64852
UniProt ID:	<a href="#">Q9H6E5</a> , <a href="#">F5H0R1</a> , <a href="#">A0A0A8K9B1</a>
Cytogenetics:	11q12.3

**Summary:** This gene encodes a nucleotidyl transferase that functions as both a terminal uridylyltransferase and a nuclear poly(A) polymerase. The encoded enzyme specifically adds and removes nucleotides from the 3' end of small nuclear RNAs and select mRNAs and may function in controlling gene expression and cell proliferation.[provided by RefSeq, Apr 2009]

### Product images:



Coomassie blue staining of purified TUT1 protein (Cat# [TP311126]). The protein was produced from HEK293T cells transfected with TUT1 cDNA clone (Cat# [RC211126]) using MegaTran 2.0 (Cat# [TT210002]).