

## Product datasheet for TP311126L

### TUT1 (NM\_022830) Human Recombinant Protein

#### Product data:

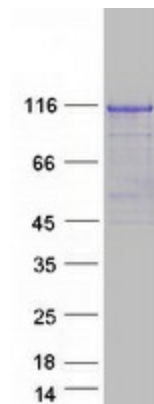
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Homo sapiens terminal uridylyl transferase 1, U6 snRNA-specific (TUT1), 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC211126 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MAAVDSDVESLPRGGFRCCLVTTANRPSLDAHLGGRKHRHLVELRAARKAQGLRSVVFVSGFPRDVDSA          QLSEYFLAFGPVASVMDKDKGVFAIVEMGDVGAREAVLSQSQHSLGGHRLRVRPREQKEFQSPASKSPK          GAAPDSHQLAKALAEAADVGAQMIKLVGLRELSEAERQLRSLVVALMQEVTFEFPFCVWHVPHGSSINSF          DVHGCDDLFLDLGLDLEEPQVPKAPESPSLDSALASPLDPQALACTPASPPDSQPPASPQDSEALDFET          PSSSLAPQTPDSALASETLASPQSLPPASPLLEDREEGDLGKASELAETPKKEKAEGAAMLELVGSILRG          CVPGVYRVQTVPSARRPVVKFCHRPSGLHGDVLSNRLALHNSRFLSLCSELDGRVRPLVYTLRCWAQGR          GLSGSGPLLSNYALTLLVIYFLQTRDPPVLPTVSQLTQKAGEGEQVEVDGWDCSFPDRASRLEPSINVEP          LSSLLAQFFSCVSCWDLRGSLLSLREGQALPVAGGLPSNLWEGLRLGPLNLQDPFDLSHNVAANVTSRVA          GRLQNCCRAANYCRSLQYQRRSSRGRDWGLLPLLQPSSPSLLSATPIPLAPFTQLTAALVQVFREA          LGCHIEQATKRTRSEGGGTGESSQGGTSKRLKVDGQKNCCEEQKEEQGCAGDGGEDRVEEMVIEVGEMV          QDWAMQSPGQPGDLPLTTGKHGAPGEEGQPSHAALAERGPKGHEAAQEQSQQEAGKASLPSSASWRCAL          WHRVWQGRRRARRRLQQQTKGAGGGGAGTRAGWLATEAQVTQELKGLSGGEERPETEPLLSFVASVSPAD          RMLTVTPLQDPQGLFPDLHHFLQVFLPQAIRHLK</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	98.3 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<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>	<a href="#">NP_073741</a>
<b>Locus ID:</b>	64852
<b>UniProt ID:</b>	<a href="#">Q9H6E5</a>
<b>RefSeq Size:</b>	2844
<b>Cytogenetics:</b>	11q12.3
<b>RefSeq ORF:</b>	2622
<b>Synonyms:</b>	PAPD2; RBM21; STARPAP; TENT1; TUTase; URLC6
<b>Summary:</b>	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]).