

Product datasheet for **SC122365**

TUT1 (BC005013) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TUT1 (BC005013) Human Untagged Clone
Tag:	Tag Free
Symbol:	TUT1
Synonyms:	FLJ21850; FLJ22267; FLJ22347; MGC131987; MGC149809; PAP associated domain containing 2; PAPD2; RBM21; RNA binding motif protein 21; STAR-PAP; terminal uridylyl transferase 1, U6 snRNA-specific; TUTase; U6-TUTase
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC005013 edited
 CCGAGACCCTTGCTTCTCCCCAGTCTCTGCCTCCAGCTTACCAGTCTGCTAGAGGACAGGG
 AAGAGGGGGACCTGGGGAAGGCCTCGGAACTAGCAGAGACCCCAAAGGAGGAGAAAGCAG
 AGGGGGCAGCAATGCTGGAGCTGGTGGGATCCATTCTCCGGGGCTGTGTCCCTGGGGTGT
 ATCGAGTCCAACTGTGCCCTCTGCCCGGCCCTGTGGTCAAGTTCTGTATCGGCCTT
 CAGGTCTCCACGGTATGTCTCCCTCAGTAACCGGCTGGCCCTGCATAACTCCCGTTTCC
 TGAGTCTGTCTGAGCTGGATGGTCCGAGTCCGGCCCTCGTGTACACCCTCCGCTGCT
 GGGCTCAGGGTCCGGGGCTGTACAGGAGTGGCCCTTCTCAGTAACTACGCCCTGACCT
 TGCTGGTATCTATTTTCTCAGACCAGGACCCTCCTGTGTTGCCACTGTGTCCACG
 TCACCCAGAAAGCAGGAGAGGGGGAACAGGTGGAAGTCGATGGCTGGGACTGCAGTTTCC
 CCAGGGATGCCTCAAGACTGGAGCCAGCATAAATGTGGAGCCCTCAGTTCCCTGCTAG
 CCCAGTTCTTCTCTGTATCTTGTGGGATCTTGTGGCTCCCTGCTGTCCCTGCGGG
 AGGGTCAGGCACTGCCTGTGGCAGGGGGCCTGCCTTCTAATCTCTGGGAGGTCTGCGCC
 TTGGCCCCCTGAATCTCCAGGACCCTTTTACCTGAGTACAATGTCGCAGCCAATGTGA
 CCAGCCGGGTGGCTGGGCGCCTACAGAAGTGTGCCGAGCAGCAGCCAATTACTGCCGAA
 GCCTCCAGTACCAGCGCGTTCCCTCCCGGGTCCGGACTGGGGGTGCTCCCTCTTCTGC
 AGCCCAGCTCCCCAGCTCCCTGCTCTGCTACGCCGATCCCTTTACCCCTTGACCCCT
 TCACCCAGCTCACTGCTGCCCTGGTGCAGGTATTCAGGGAAGCACTGGGGTGCCATATAG
 AACAGGCAACCAAGAGAACCGCGTCAAGAGGAGGTGGAAGTGGGGAGTCTCTCAGGGAG
 GGACAAGCAAAAGACTCAAAGTAGATGGACAGAAAACTGCTGTGAGGAGGGGAAAGAGG
 AGCAGCAGGGATGTGCAGGGGACGGTGGGAAGACAGGGTAGAAGAGATGGTTATAGAGG
 TTGGAGAGATGGTGCAGGACTGGCCATGCAGAGCCCTGGGCAGCCAGGGGACCTGCCCC
 TGACCCTGGAAAGCATGGAGCCCTGGAGAAGAGGGGACCCAGCCACGCAGCCCTGG
 CAGAGCGGGGCCCAAGGGACATGAGGCAGCCCAAGAATGGTCTCAGGGTGAAGCAGGGA
 AGGGGGCATCCCTGCCCTCCTCAGCAGCTGGCGCTGTGCCTTGTGGCACCGAGTGTGGC
 AAGGGCGGCGGAGCCCTAGACGCTTGCAGCAGCAAACCAAGGAGGGAGCTGGAGGTG
 GCGCTGGCACAAGAGCAGGGTGGCTGGCGACTGAGGCTCAGGTCACCCAGGAGCTGAAAG
 GACTGAGTGGTGGCGAAGAGAGGGCCAGAACTGAGCCCTGCTGAGCTTTGTGGCGTCTG
 TCTCCCCGGTGAACGAATGCTCACTGTGACCCCGCTCCAGGATCCCAAGGCCTGTTCC
 CTGATCTCCATATTTCTTACAGGTTTTCTCCCTCAAGCAATTCGACATCTCAAGTGAA
 GACATGGCCCTGAAGGGCAATAAAGCTGCTAGTTTATTAATAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC005013 unedited
 NNNNNGGAGTACACATTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACGAGGCC
 GATACCCTTGCTTCTCCCATCTCTGCCTCCAGCTTACCAGTCTAGAGGACAGGGAAG
 AGGGGGACCTGGGGAAGGCCTCGGAACTAGCAGAGACCCCAAAGAGGAGAAAGCAGAGGG
 GGCAGCAATGCTGGAGCTGGTGGGATCCATTCTCCGGGGCTGTGTCCCTGGGGTGTATCG
 AGTCCAACTGTGCCCTCTGCCCGGCCCTGTGGTCAAGTTCTGTATCGGCCTTCCAGG
 TCTCCACGGTATGTCTCCCTCAGTAACCGGCTGGCCCTGCATAACTCCCGTTTCTGAG
 TCTCTGCTCTGAGCTGGATGGTCCGAGTCCGGCCCTCGTGTACACCCTCCGCTGTGGGC
 TCAAGGTCCGGGGCTGTACAGGAGTGGCCCTTCTCAGTAACTACGCCCTGACCTTGT
 GGTGATCTATTTTCTCAGACCAGGGACCCTCCTGTGTTGCCACTGTGTCCAGCTCAC
 CCAGAAAGCAGGAGAGGGGGAACAGGTGGAAGTCGATGGCTGGGACTGCAGTTTCCCCAG
 GGATGCCTCAAGACTGGAGCCAGCATAAATGTGGAGCCCTCAGTTCCCTGCTAGCCCA
 GTTCTTCTCTGTGTATCTTGTGGGATCTTGTGGCTCCCTGCTGTCCCTGCGGGAGGG
 TCATGCACTGCCTGTGGCATGGGCGCCTGCCTTCTATCTCTGGGAGGTCTGCGCCTTGGC
 CCCCTGATCTCCAGACCCTTTTACCTGAGTACATGTCCGACCAATGTGACAGCNCGGT
 GGCTGGCCCTACGACTGCTGCCGACACAG

Restriction Sites: Please inquire

ACCN: BC005013

Insert Size: 1799 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC005013.1 , AAH05013.2
RefSeq Size:	1799 bp
Locus ID:	64852
Cytogenetics:	11q12.3
Gene 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]