

Product datasheet for **SC127251**

UTP14A (NM_006649) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UTP14A (NM_006649) Human Untagged Clone
Tag:	Tag Free
Symbol:	UTP14A
Synonyms:	dj537K23.3; NYCO16; SDCCAG16; Utp14
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC127251 sequence for NM_006649 edited (data generated by NextGen Sequencing)

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ATGACTGCGAACCGGCTTGCAGAGAGCCTTCTGGCTTTGAGCCAACAGGAAGAACTAGCG
GATTTGCCAAAAGACTACCTCTTGAGTGAGAGTGAAGATGAGGGGGACAATGATGGAGAG
AGAAAGCATCAAAAGCTTCTGGAAGCAATCAGTTCCCTTGATGGAAGAATAGGCGGAAA
TTGGCTGAGAGGTCTGAGGCTAGTCTGAAGGTGTCAGAGTTCAATGTCAGTTCTGAAGGA
TCAGGAGAAAAGCTGGTCTTGCAGATCTGCTTGAGCCTGTTAAACTTCATCTTCTTTG
GCCACTGTGAAAAGCAACTGAGTAGAGTCAAATCAAAGAAGACAGTGGAGTTACCTCTG
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CTCTCAAATGGGACCCTGTGCTCCTGAAGAACCGGCAGGCAGAGCAGCTGGTTTTTCCC
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CCAAAGGACGTGGACCTGACACTACCTGGCTGGGGCGAGTGGGGTGGTGTGGGCTAAAG
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GATAAGAATTTGCCAAATGTGATTATCAATGAGAAGCGCAACATCCACGAGCTGCTCAT
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GTCGTACCAAGCCAGGCCATATCATTAAACCCATAAAAGCAGAAGACGTGGGCTACCGG
TCTTCCTCAAGGTCGGACCTGTCTGTCTACAGAGGAATCCAAAACGAATCACCACACGT
CACAAAAACAGCTGAAGAAATGCTCTGTAGATTGA

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Clone variation with respect to NM_006649.3

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_006649 unedited AATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCCTCGTGCCGAATTCGGCA CGAGGGCTGGCTGCTGAAATGACTGCGAACCGGCTTGCAGAGAGCCTTCTGGCTTTGAGC CAACAGGAAGAACTAGCGGATTTGCCAAAAGACTACCTCTTGAGTGAGAGTGAAGATGAG GGGACAAATGATGGAGAGAGAAAGCATCAAAAGCTTCTGGAAGCAATCAGTTCCTTGAT GGAAAGAATAGGCGGAAATTGGCTGAGAGGTCTGAGGCTAGTCTGAAGGTGTCAGAGTTC AATGTCAGTTCTGAAGGATCAGGAGAAAAGCTGGTCCTTGACAGATCTGCTTGAGCCTGTT AAAACCTCATCTTCTTTGGCCACTGTGAAAAAGCAACTGAGTAGAGTCAAATCAAAGAAG ACAGTGGAGTTACCTCTGAACAAAGAAGAGATTGAACGGATCCACAGAGAAGTAGCATTTC AATAAAACCGCACAAAGTCTCTCCAAATGGGACCTGTGCTCTGAAGAACCGGCAGGCA GAGCAGCTGGTTTTTCCCTGGAGAAAGAGGAGCCAGCCATTGCTCCCATTTGAACATGTG CTCAGTGGCTGGAAGGCAAGAACTCCCCTGGAGCAGGAAATTTTCAACCTCTCCATAAG ACAAGCAGCCAGTGACAGACCTTTACTGACCCCTGTGGAAANAGCCTCTCTCCGAGCC ATGAGCCTAGAAGGGCAAAGATGCGACGAGCAGAGCTTCAGAAGGCTCGGGCTCTGCAGT CCTACTATGAGGCCAAGGGCTCGAGAGAGAAGAAATCAAAGTAAAGTTCACANAGTCGT GAGAAAGGGAAGCCAAGAAGCCTNANAGAGTTGAGCACTGCCGAAGGTATCCACTGCGCC TAAAGACTGGAATAATGAAGCCAATGTGAAGAT
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_006649 unedited CTAGAGTCGAGTTTTTTTTTTTTTTTTTTGGATTAAAAATGCCTTTATTTTTAAATGT GGCTTAACACATGCAATGTAAGTACTGAGCCAGTTTTGGAATCCACCCTGTATCAGAGTAAAA CTGGACCAAAGGAAGTGAAGTCAGGGCTCCTGGCTGTCACTCCTCCAGCAACTCAATCTA CAGAGCATTTCTCAGCTGTTTTTTGTGACGTGTGGTGATTTCGTTTTGGATTCTCTGTGTA TGACAGACAGGTCCGACCTTGAGGAAGACCGGTAGCCACGTTTTCTGCTTTATGGGGT TAATGATATGGCTGGCTTGGTGACGACCTTGGGAGTAGTCAGCTTTTGGAAAGCCCTCT GGGTGTTCCATGTGGATTCTATGGGGGCTGGATGGCCCTTTTCAAAATTGCCATGGGGG GAAACGGATATGGAACACTCGTACCTGAAGAACCACTGCCTGGATCTCCCCCTTCTCATT GATAATCACATTTGGAACCCCTATCCTCCCTTGGACGACCCTCAGGGCTTTAATGACAA CCGGTTCTTTTTTGCCCGGCTCTAGCCCCAACCCCCAACCCCCAACCCAGCACCGTTC GCTCCCCCTTTGTCTATTTCCCTACCAAGTTTCCCTTTTTTTTCCACAACTTTCTGAGA ACTCCTTCCCCCAAATCCCCTTTCCCTTTCCCATGCGCCCTTCCCTAATTTTACAACC ACCCCCCGCGGAACCTCCCCTACCCCCCGAGTGACATGTTGGTTTTTCAACCCCTCT CCTTCCCCCGCCCCCTTTCCATCCCCCTATGGCCCTCCCCACTCATTTTCGCCTTC CCCACCCCGCTTCCATCCCCCTATCCCCCGCATAATAACAAGCCGCTCCACCACCTCG CCCCCAATACCCCTTTAATACCGAATCCCACCATACCAAACCGCCCCCGCCATAAATAT
Restriction Sites:	NotI-NotI
ACCN:	NM_006649
Insert Size:	2560 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:	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:	<u>NM_006649.2, NP_006640.2</u>
RefSeq Size:	2509 bp
RefSeq ORF:	2316 bp
Locus ID:	10813
UniProt ID:	<u>Q9BVI6</u>
Cytogenetics:	Xq26.1
Domains:	Utp14
Gene Summary:	This gene encodes a member of the uridine triphosphate 14 family. As an essential component of a large ribonucleoprotein complex bound to the U3 small nucleolar RNA, the encoded protein is involved in ribosome biogenesis and 18S rRNA synthesis. An autosomal retrotransposed copy of this X-linked gene exists on chromosome 13. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Oct 2009] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).