

Product datasheet for **SC327189**

UTP14A (NM_001166221) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UTP14A (NM_001166221) 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: >NCBI ORF sequence for NM_001166221, the custom clone sequence may differ by one or more nucleotides

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ATGACTGCGAACCCGGCTTGACAGAGACCTTCTGGCTTTGAGCCAACAGGAAGAACTAGCG
GATTTGCCAAAAGACTACCTCTTGAGTGAGAGTGAAGATGAGGGGGACAATGATGGAGAG
AGAAAGCATCAAAGCTTCTGGAAGCAATCAGTTCCCTTGATGGAAGAATAGGCGGAAA
TTGGCTGAGAGGTCTGAGGCTAGTCTGAAGGTGTCAGAGTTCAATGTCAGTTCTGAAGGA
TCAGGAAAAAGCTGGTCTTGCAGATCTGCTTGAGCCTGTTAAAACTTCATCTTCTTTG
GCCACTGTGAAAAAGCAACTGAGTAGAGTCAAATCAAAGAAGACAGTGGAGTTACCTCTG
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CATAAGAACAAGCAGCCAGTGACAGACCTTTACTGACCCCTGTGAAAAAGGCCTCTCTC
CGAGCCATGAGCCTAGAAGAGGCAAGATGCGACGAGCAGAGCTTCAAGGGCTCGGGCT
CTGCAGTCTACTATGAGGCCAAGGCTCGAAGAGAGAAGAAAATCAAAGTAAAAAGTAT
CACAAAGTCGTGAAGAAAGGAAAGGCCAAGAAAGCCATAAAGAGTTTGAGCAGTGC GG
AAGGTTAATCCAGCTGCAGCACTAGAAGAACTGGAAAAAATTGAAAGGCCAGAATGATG
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GCCAAATATGACCTGGAGGCTCGCCAAGCTATGCAGGAACAGTTGTCTAAGAACAAGAA
CTGACACAGAACTCCAGGTAGCCTCTGAGAGTGAAGAGGAGGGAGGCACAGAAAGAT
GTGGAAGAACTCCTTGTCCCTGATGTAGTGAATGAAGTGCAGATGAATGCAGATGGGCCG
AATCCCTGGATGCTCAGGAGCTGCACCACTGACACCAAAGAGGCTGCAACCCAGGAGGAC
CCTGAGCAACTGCCAGAGCTTGAGGGCCATGGAGTTTCTGAAAGTGAAGGAGAAGAAAGA
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AGATCTGAGCTCAGCCAAGATGCTGAGCCAGCAGGCAGTCAAGAAACAAAAGATTCTGGC
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TCCAGGAAGCAAAAAGCAAGTTCAGAGGGGACTATCCCAAGTCCAGAGAGAGGAACT
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AAAAAGAAGGAGCAAATGATCGACTACAGAACCTCCTAACACACAATCTCCCTCCGTG
AAGTCTTTGGCAGTTCCACAATAGAGGAGCTGGAAGATGAAGAGGAGAGAAACCATAGG
CAGATGATAAAGGAAGCTTTTGTGGGGATGATGTCATCAGAGATTTCTTGAAGAGAAG
AGGGAAGCTGTGGAGGCGAGTAAGCCAAAGGACGTGGACCTGACACTACCTGGCTGGGGC
GAGTGGGGTGGTGTGGGCTAAAGCCCAGTGCCAAGAAAAGACGCGGTTTCTCATTAAA
GCCCTGAGGGTCTCCAAGAAAAGATAAGAATTTGCCAAATGTGATTATCAATGAGAAG
CGCAACATCCACGCAGCTGCTCATCAGGTACGAGTGTCCATATCCATTTACCCACCAT
TGGCAATTTGAAAGGACCATCCAGACCCCATAGGATCCACATGGAACACCCAGAGGGCT
TTCCAAAAGCTGACTACTCCAAGGTCGTACCAAGCCAGGCCATATCATTAAACCCATA
AAAGCAGAAGACGTGGGCTACCGGTCTTCTCAAGGTCGGACCTGTCTGTACATACAGAG
AATCCAAAACGAATCACCACACGTACAAAAAACAGCTGAAGAAATGCTCTGTAGAT

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- Restriction Sites:** Please inquire
- ACCN:** NM_001166221
- 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).
- OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<u>NM_001166221.1</u> , <u>NP_001159693.1</u>
RefSeq Size:	2421 bp
RefSeq ORF:	2160 bp
Locus ID:	10813
UniProt ID:	<u>Q9BVJ6</u>
Cytogenetics:	Xq26.1
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon in the central coding region, compared to variant 1, resulting in an isoform (2) that is shorter than isoform 1.</p>