

Product datasheet for **SC322502**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322502
 GTCCATGTGAGAGAAGCTGGCTGCTGAAATGACTGCGAACCGGCTTGAGAGAGCCTTCT
 GGCTTTGAGCCAAACAGGAAGAACTAGCGGATTTGCCAAAAGACTACCTCTTGAGTGAGAG
 TGAAGATGAGGGGGACAATGATGGAGAGAGAAAGCATCAAAGCTTCTGGAAGCAATCAG
 TTCCCTTGATGGAAGAATAGGCGGAAATTGGCTGAGAGGTCTGAGGCTAGTCTGAAGGT
 GTCAGAGTTCAATGTCAGTTCTGAAGGATCAGGAGAAAAGCTGGTCTTGCAGATCTGCT
 TGAGCCTGTTAAACTTTCATCTTCTTTGGCCACTGTGAAAAAGCAACTGAGTAGAGTCAA
 ATCAAAGAAGACAGTGGAGTTACCTCTGAACAAAGAAGAGATTGAACGGATCCACAGAGA
 AGTAGCATTCAATAAAACCGCACAGTCTCTCCAAATGGGACCTGTCTCCTGAAGAA
 CCGGCAGGCAGAGCAGCTGGTTTTTCCCCTGGAGAAAAGAGGAGCCAGCCATTGCTCCCAT
 TGAACATGTGCTCAGTGGCTGGAAGGCAAGAACTCCCCTGGAGCAGGAAATTTTCAACCT
 CCTCCATAAGAACAAGCAGCCAGTGACAGACCCTTTACTGACCCCTGTGAAAAGGCCTC
 TCTCCGAGCCATGAGCCTAGAAGAGGCAAGATGCGACGAGCAGAGCTTCAGAGGGCTCG
 GGCTCTGCAGTCTACTATGAGGCCAAGGCTCGAAGAGAGAAGAAAATCAAAGTAAAAA
 GTATCACAAAGTCGTGAAGAAAGGAAAGGCCAAGAAAGCCCTAAAAGAGTTTGAGCAGCT
 GCGGAAGGTTAATCCAGCTGCAGCACTAGAAGAACTGGAAAAAATTGAAAAGGCCAGAAT
 GATGGAAGAATGAGCCTTAAGCACAAAACAGTGGGAAATGGGCCAAGTCAAAGGCAAT
 TATGGCCAAATATGACCTGGAGGCTCGCCAAGCTATGCAGGAACAGTTGTCTAAGAACAA
 AGAACTGACACAGAACTCCAGGTAGCCTCTGAGAGTGAGGAAGAGGAGGGAGGCACAGA
 AGATGTGGAAGAACTCCTTGTCCCTGATGTAGTGAATGAAGTGCAGATGAATGCAGATGG
 GCCGAATCCCTGGATGCTCAGGAGCTGCACCAAGTACACCAAAGAGGCTGCAACCCAGGA
 GGACCTGAGCAACTGCCAGAGCTTGAGGCCATGGAGTTTCTGAAAGTGAAGGAGAAGA
 AAGACCACTGGCAGAAGAAGAAATTTTGTGAGAGAATTTGAGGAAAGGGCATCCCTTAG
 AAAAAGATCTGAGCTCAGCCAAGATGCTGAGCCAGCAGGAGTCAAGAAACAAAAGATTCT
 TGGCAGCCAGGAGGTGCTGTCTGAATTGAGAGTACTATCTCAGAAATTGAAGGAAAACCA
 TCAGTCCAGGAAGCAAAAAGCAAGTTCAGAGGGGACTATTTCCCAAGTCCAGAGAGAGGA
 ACCTGCCCCAGAGAAGAGGAGCCCTGTTGCTACAGAGACCAGAGAGGTACAGACGCT
 GGAAGAGCTAGAAGAGCTGGGAAAAGAAGATGTTTTCAAATAAGGAGCTTCCCAGACC
 TGTGTTAGAAGGGCAGCAGTCAGAGAGGACCCCAAATAATCGCCCTGATGCCCTAAGGA
 GAAGAAAAAGAAGGAGCAATGATCGACCTACAGAACCTCCTAACACACAATCTCCCTC
 CGTGAAGTCTTTGGCAGTCCCACAATAGAGGAGCTGGAAGATGAAGAGGAGAGAAACCA
 TAGGCAGATGATAAAGGAAGCTTTTGTGGGGATGATGTCATCAGAGATTTCTTGAAAGA
 GAAGAGGGAAGCTGTGGAGGCGAGTAAGCCAAAGGACGTGGACCTGACACTACCTGGCTG
 GGGCGAGTGGGGTGGTGTGGGCCTAAAGCCAGTGCCAAGAAAAGACGCCGGTTTCTCAT
 TAAAGCCCTGAGGGTCTCCAAGAAAAGATAAGAATTTGCCAAATGTGATTATCAATGA
 GAAGCGCAACATCCACGAGCTGCTCATCAGGTACGAGTGCTTCCATATCCATTTACCCA
 CCATTGGCAATTTGAAAGGACCATCCAGACCCCATAGGATCCACATGGAACACCCAGAG
 GGCTTTCCAAAAGCTGACTACTCCCAAGGTCGTACCAAGCCAGGCCATATCATTAAACC
 CATAAAGCAGAAGACGTGGGCTACCGGTCTTCTCAAGGTCGGACCTGTCTGTACATACA
 GAGGAATCCAAAACGAATCACCACACGTACAAAAAACAGCTGAAGAAATGCTCTGTAGA
 TTGAGTTGCTGGAGGAGTGACAGCCAGGAGCCCTGACTTCACTTCTTTGGTCCAGTTTT
 ACTCTGATACAGGGTGGATTCCAAAAGTGGCTCAGTACATTGCATGTAGTTAAGCCACAT
 TTTAAAAATAAGGCATTTTTTAATCTAAAAA

Restriction Sites: Please inquire

ACCN: NM_006649

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:	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</u> , <u>NP_006640.2</u>
RefSeq Size:	2509 bp
RefSeq ORF:	2316 bp
Locus ID:	10813
UniProt ID:	<u>Q9BVJ6</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).