

Product datasheet for **SC113508**

UTP6 (NM_018428) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UTP6 (NM_018428) Human Untagged Clone
Tag:	Tag Free
Symbol:	UTP6
Synonyms:	C17orf40; HCA66
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 SC113508 sequence for NM_018428 edited (data generated by NextGen Sequencing)

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ATGGCAGAGATAATTCAGGAACGCATAGAAGATCGGCTCCCGGAATTGGAACAGCTGGAG
CGCATTGGACTGTTTCAGTCATGCGGAGATTAAGGCTATCATTAAAGAAGGCTTCCGATCTA
GAGTACAAAATCCAGAGAAGAACCCTTTTCAAGGAAGACTTTATCAATTATGTTCAATAT
GAAATTAATCTTTTGGAGCTGATCCGGAGAAGAAGAACACGCATTGGATATTCATTTAAG
AAGGATGAGATTGAGAATTCTATTGTACACCGGGTACAAGGTGTTTTCCAGCGTGCCTCA
GCAAAATGGAAAGACGATGTTCAACTTTGGCTCTCCTATGTGGCTTTTTGTAAAGAAGTGG
GCTACTAAAACGACTTAGCAAGGTATTCTCTGCCATGTTGGCGATTTCATTCACAAACAA
CCAGCTTTGTGGATTATGGCAGCCAAATGGGAAATGGAAGATCGATTGTCTTCAGAAAGC
GCAAGGCAACTATTTCTTCGCGCACTGCGCTTTCATCCAGAGTGCCCAAACTTTATAAA
GAATACTTTAGGATGGAGCTGATGCATGCTGAAAACTGAGGAAGGAGAAGGAAGAATTT
GAAAAAGCCAGTATGGATGTGGAGAATCCTGATTATTCTGAAGAAATCCTTAAGGGCGAG
TTGGCATGGATCATCTACAAAAATCTGTAAGCATAATTAAGGTGCAGAATTTACGCTG
TCACTGCTTTGATTGCACAGCTATTTGACTTTGCCAAAGATCTACAAAAGAGATTTAT
GATGACCTTCAGGCTCTACACACAGATGATCCTCTCACTTGGGATTATGTGGCAAGGCGA
GAATTAGAGATTGAGTCACAGACAGAAGAGCAGCTACAACGAAACAAGCCAAAGCAGTG
GAGGTCGGCCGGAAGGAGGAGAGGTGCTGTGCTGTGTATGAAGAGGCAGTGAAGACTCTG
CCAACAGAGGCCATGTGGAAGTGTACATCACCTTTTGCTTGGAAAGATTACTAAGAAG
TCAAATAGTGGGTTCTTAGAGGGAAGAGGTGGAAAGAACCATGACTGTATTCAGGAAG
GCACATGAACTGAAGCTTCTGTCAGAATGCCAATACAAGCAGTTGAGTGTTCGTTGCTG
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GACTCTGGGACAATGTGGCAGCTGAAGCTGCAGGTGCTGATCGAGTCAAAGAGCCCTGAC
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TTTAAGAAAGCTCTTAGCTGTATAGGTGCCGACTCAGTAACCCTGAAGAATAAGTAC
CTGGATTGGGCTTATCGAAGTGGTGGCTACAAAAGGCCAGAGCTGTGTTTAAAGTTTA
CAGGAGAGCCGACCATTTTCAGTTGACTTTTTCAGGAAAATGATTCAGTTTGAAGGAG
CAAGAATCCTGCAATATGGCGAACATAAGAGAATATTATGAGAGAGCTTTGAGAGAGTTT
GGATCCGCAGATTCTGATCTTTGGATGGATTATATGAAAGAAGAATTGAACCAACCCCTT
GGTAGACCTGAGAACTGTGGACAGATCTACTGGCGAGCGATGAAATGTTGCAGGGAGAG
TCAGCAGAGGCATTTGTAGCTAAACATGCTATGCATCAGACTGGCCATTTATGA
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Clone variation with respect to NM_018428.2

206 a=>g

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018428 unedited
 GTATTTGTATACGACTCACTATAGGGCGGCNCGGATTCCGGCACGAGGCTCGGACCTCAT
 GGCAGAGATAATTCAGGAACGCATAGAAGATCGGCTCCCGGAATTGGAACAGCTGGAGCG
 CATTGGACTGTTCACTCATGCGGAGATTAAGGCTATCATTAAAGAGGCTCCGATCTAGA
 GTACAAAATCCAGAGAAGAACCCTTTTCAAGGAAGACTTTATCAATTATGTTCAATATGA
 AATTAATCTTTTGGAGCTGATCCGGAGAAGAAGAACACGCATTGGATATTCATTTAAGAA
 GGATGAGATTGAGAATTCTATTGTACACCGGGTACAAGGTGTTTTCCAGCGTGCCTCAGC
 AAAATGGAAAGACGATGTTCAACTTTGGCTCTCCTATGTGGCTTTTTGTAAAGAGTGGGC
 TACTAAAACCTCGACTTAGCAAGGTATTCTCTGCCATGTTGGCGATTCAATCCAACAAACC
 AGCTTTGTGGATTATGGCAGCCAAATGGGAAATGGAAGATCGATTGTCTTCAGAAAGCGC
 AAGGCAACTATTTCTTCGCGCACTGCGCTTTCATCCAGAGTGCCCAAACTTTATAAAGA
 ATACTTTAGGATGGAGCTGATGCATGCTGAAAACTGAGGAAGGAGAAGGAAGAAATTTGA
 AAAAGCCAGTATGGATGTGGAGAATCTGATTATTCTGAAGAAATCCTTAAGGGCGAGTT
 GGCATGGATCATCTACAAAAATTCTGTAAGCATAATTAAGGTGCAGAAATTCACGTGTC
 ACTGCTTTGATTGCACAGCTATNTGACTTTGCCANAGATCTACANAAGAGATTTATGAT
 GACCTTTTCAGCTCTCACACAGATGATCCTCTCACTTGGGATTATGTGGCAAGGCGAGAAT
 TAGAGATTGAGTCCAGACAGAAGACAGCCTACACGAANCAANGCCAACATGAGGTGCGNCC
 CGAAGAGAAAGTGCTGTGCTGGTAN

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_018428 unedited
 GCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTAAATCATAAAAAATTTTTAATTTTTAA
 AAAGATTTAACAAGTTAACATAAAATTAAGTGTGTCTCAAACACAGACAGCCATCTTGT
 CTGCCATCACTGAGCAAATTACAGATGGACTCAATACAAATTTGCCACGGGGCTTGCTT
 GCAATACTATTTACAAAAGCTGACTGTATTCTTCATCTTCATAAATGGCCAGTCTGATGC
 ATAGCATGTTTAGCTACAAATGCCTCTGCTGACTCTCCCTGCAACATTTTCATCGCTCGC
 CAGTAGATCTGTCCACAGTTCTCAGGTCTACCAAGGGGTGGTTCAATCTTCTTTTCATA
 TAATCCATCCAAAGATCAGAATCTGCGGATCCAACTCTCTCAAAGCTCTCTCATAATAT
 TCTCTTATGTTGCCATATTGCAGGATTCTTGCTCCTTTTCAAAGTGAATCATTTTCTG
 AAAAAGTCAACTGAAAATGGTCCGCTCTCTGTAACTTTTAAACACAGCTCTGGCCTTT
 TTGTAGCCACCACTTCGATAAGCCCAATCCAGGTACTTATTCTTCAGGGTTACTGAGTCG
 GCACCTATGACAGCTAAGAGAGCTTTCTTAAAGACTGCCTCAGTGTCTTCTTGGCTTTTG
 GCACCTTCACTCCACTCTGCCCCAGAAATCCACAATGGCAGACAAACCTGGGTTTCAGG
 TGCACAAAGGCTCTTTCAAAGCATGGCTATGTGAGGGCTCTTTGACTCGATCAGCACCT
 GCAGCTTCAGCTTGCCACATTGTCCAGAGTCTCTAACCAATTAAGTTCAGCTCCTGGC
 CCTTCCAGAGCTTCCCTCAGAAATTATACCCAGCAGCAAACTCAATGCCTGNATTGC
 ATTCTGCAGAGCTTCAGTAATGTGCTTCTGAAAACGNCATGGTTTTTCCACCTTTTCC
 CTTTAGGAAACCATTATTGACTTCTTATTAACCTCTTCAGCCAAAGGGATGTACACT

Restriction Sites:

NotI-NotI

ACCN:

NM_018428

Insert Size:

2110 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_018428.2, NP_060898.2</u>
RefSeq Size:	2065 bp
RefSeq ORF:	1794 bp
Locus ID:	55813
UniProt ID:	<u>Q9NYH9</u>
Cytogenetics:	17q11.2
Domains:	HAT
Gene Summary:	Involved in nucleolar processing of pre-18S ribosomal RNA.[UniProtKB/Swiss-Prot Function]