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Product datasheet for SC106158

UTP15 (NM_032175) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UTP15 (NM_032175) Human Untagged Clone
Tag:	Tag Free
Symbol:	UTP15
Synonyms:	NET21
Mammalian Cell Selection:	None
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)

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Fully Sequenced ORF:

>NCBI ORF sequence for NM_032175, the custom clone sequence may differ by one or more nucleotides

ATGGCTGGTTATAAGCCTGTAGCTATTCAGACATATCCTATACTTGGTGAAAAAATCACCCAAGATACAC
TGTACTGGAACAACTATAAGACCCCTGTTCAGATTAAGGAATTTGGTGCAGTTTCAAAAGTAGACTTTTC
TCCTCAGCCTCCATATAATTATGCTGTCACAGCTTCCTCAAGAATTCACATTTATGGCCGATACTCCCAA
GAACCTATAAAAACCTTTTCTCGATTTAAAGACACAGCATACTGTGCTACTTTTCGACAAGATGGTAGAT
TGCTTGTGGCTGGCAGTGAAGATGGTGGAGTTCAACTTTTTGATATAAGTGGGAGGGCTCCCCTCAGGCA
GTTTGAAGGCCATACAAAAGCAGTTCATACAGTAGATTTTACAGCTGACAAATATCACGTGGTCTCTGGG
GCTGATGATTATACAGTTAAATTATGGGATATTCCAAACTCCAAAGAAATTTTGACATTTAAAGAACACT
CTGATTATGTGAGGTGTGGATGTGCTAGCAAACTTAATCCGGATCTCTTTATAACAGGATCATATGATCA
TACTGTGAAGATGTTTGATGCACGAACGAGTGAGAGTGTTCTCTCCGTTGAGCATGGGCAGCCAGTGGAG
AGTGTCCTACTTTTCCCCTCTGGAGGTCTTCTGGTGTCAGCAGGAGGTCGTTATGTTAAAGTCTGGGACA
TGTTAAAAGGAGGACAATTGCTAGTATCTTTGAAAAATCATCACAAAACCGTGACATGTTTATGTCTAAG
CAGCTCTGGACAGAGGTTACTCTCTGGCTCACTGGATAGGAAGGTGAAAGTATACAGCACAACTTCCTAC
AAAGTAGTCCACAGTTTTGATTATGCAGCTTCAATTTTGAGTCTTGCCCTTGCACATGAAGATGAGACAA
TAGTTGTAGGAATGACCAATGGAATACTGAGTGTTAAACATCGGAAATCTGAAGCAAAGAAGGAATCACT
TCCCAGAAGAAGAAGGCCTGCATATCGAACCTTTATTAAAGGAAAAAATTACATGAAGCAACGGGATGAC
ATTTTGATTAACAGGCCAGCAAAGAAGCACCTAGAATTGTATGACAGGGATCTGAAACATTTTCGGATCT
CTAAGGCACTCGATAGAGTTCTTGATCCCACTTGTACAATAAAGACACCCGAGATTACGGTGTCCATCAT
AAAGGAGTTAAATCGAAGAGGAGTCCTTGCAAATGCGCTTGCAGGTCGGGATGAGAAGGAAATCAGTCAT
GTTCTTAATTTTTTGATAAGGAATCTTTCTCAGCCAAGATTTGCCCCTGTTTTAATCAATGCTGCTGAAA
TAATTATTGATATATATCTGCCTGTAATTGGTCAGTCCCCTGTAGTTGATAAAAAGTTTTTACTACTTCA
AGGACTTGTAGAAAAAGAGATTGATTACCAAAGAGAATTGTTAGAAACCTTGGGGATGATGGATATGCTT
TTTGCCACCATGAGAAGGAAGGAAGGCACTTCTGTGTTGGAACACACATCTGATGGATTTCCAGAGAATA
AGAAGATAGAATCATAG

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_032175 unedited
CGGCTTTTGTATACGACTCCTATAGGCGGCCGCGNATTCGGCACGAGNAAAGACACTCTG
ATTATGTGAGGTGTGGATGTGCTAGCAAACTTAATCCGGATCTCTTTATAACAGGATCAT
ATGATCATACTGTGAAGATGTTTGATGCACGAACGAGTGAGAGTGTTCTCTCCGTTGAGC
ATGGGCAGCCAGTGGAGAGTGTCCTACTTTTCCCCTCTGGAGGTCTTCTGGTGTCAGCAG
GAGGTCGTTATGTTAAAGTCTGGGACATGTTAAAAGGAGGACAATTGCTAGTATCTTTGA
AAAATCATCACAAAACCGTGACATGTTTATGTCTAAGCAGCTCTGGACAGAGGTTACTCT
CTGGCTCACTGGACAGGAAGGTGAAAGTATACAGCACAACTTCCTACAAAGTAGTCCACA
GTTTTGATTATGCAGCTTCAATTTTGAGTCTTGCCCTTGCACATGAAGATGAGACAATAG
TTGTAGGAATGACCAATGGAATACTGGAGTGTTAAACATCGGAAATCTGAAGCAAAGAAG
GAATCACTTCCCAGAGAAAGAAGGCCTGCATATCGAACCTTTATTAAAGGAAAAAATTAC
ATGAAGCAACGGGATGACATTTTGANTAACAGGCCAGCAAAGAAGCCCTAGAATTGTATG
ACAGGGGATCTGAAACATTTTTCGGATCTCTAAGGACTGNATAGAGTTNCTTGATCCCAC
TTGTACAATAAAGACCCCGAATTTATACGGTGTCCATCTTAAAAGGAGTTNATCGAAAAA
AGGAGTCCTTGCAATGGCCTTTGCAAGGTCGGAATTGAAAAGGAAATCCTTNCATGTTCT
TTAATTTTTTTGATTAGGGAATCTTTCTCAGCCCAGATTTGCCCCCTGGTTTAATCATGC
TGCTGANNNAATTATGGAATATATCTGCTGTATNATGGGGCAGCCCCGTGGAGT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_032175 unedited
NNTTTTTCTCTGGACCGGCGGCCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTGT
TGTTGCCAATTGTTTTTGTTGTCTTCCAGAGTAATACAAGGCTTTGCTCCTTTAGCAGGA
TTCCCAGTTGGACCCTCTCCAGAGAGGATTCATATTTGAATTCCCATCTGAATACCAACC
CAAATGTTGATACAGAACACTCCTGTATTAAAATTAATATCCATCCCAGATAAACCTACT
CTGTGACTAAGACAATTGAGATCTTCTAGGTGAAGATGCTGTAATTCAAAATATTACATG
GAAAACCATGTCTTACTTAAAACGGGTACTTGTTTTCCGGCCATAATTATTCCAGTCTCT
TCCATAGAACTGCTTCTGCAAACAGTTTTTTTAATGTATCAAAGAGAGTCTCTCGCCAAC
ATTTAATACAGTCAAATCTATTCCAACTTCAGAGTTCTTATATGTCTTATTTAGCAGACA
CTATGATTCTATCTTCTTATTCTCTGGAAATCCATCAGATGTGTGTTCCAACACAGAAGT
GCCTTCCTTCCTTCTCATGGTGGCAAAAAGCATATCCATCATCCCCAAGGTTTCTAACAA
TTCTCTTTGGTAATCAATCTCTTTTTCTACAAGTCCTTGAAGTAGTAAAAACTTTTTATC
AACTACAGGNGGACTGACCAATTACAGGCAGATATATATCAATAATTATTTCAGCAGCAT
TGATTAAAACAGGGGCAAATCTTGGCTGAGAAAGATTCCTTATCAAAAAATTAAGAACAT
GACTGATTTCCTTCTCATNCCCGACCTGCAGCGCATTTGCAGGGACTCCTCTTCGATTTA
ACTNCTTTATGATGGACACCGNTATCTCGGGTGGTCTTTATGTACAGNTGGGATCAAGAC
TCTATCGAGTGCCTAANAGATCCGAAATGTTAN

Restriction Sites: NotI-NotI

ACCN: NM_032175

Insert Size: 1470 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: NM_032175.1, NP_115551.1

RefSeq Size: 5095 bp

RefSeq ORF: 858 bp

Locus ID: 84135

UniProt ID: Q8TED0

Cytogenetics: 5q13.2

Domains: WD40

Gene Summary: Ribosome biogenesis factor. Involved in nucleolar processing of pre-18S ribosomal RNA. Required for optimal pre-ribosomal RNA transcription by RNA polymerase I.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.