

## Product datasheet for **SC108008**

### UTP23 (NM\_032334) Human Untagged Clone

#### Product data:

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                               |
| Product Name:             | UTP23 (NM_032334) Human Untagged Clone                                                            |
| Tag:                      | Tag Free                                                                                          |
| Symbol:                   | UTP23                                                                                             |
| Synonyms:                 | C8orf53                                                                                           |
| Mammalian Cell Selection: | None                                                                                              |
| Vector:                   | <u>pCMV6-XL5</u>                                                                                  |
| E. coli Selection:        | Ampicillin (100 ug/mL)                                                                            |
| Fully Sequenced ORF:      | >NCBI ORF sequence for NM_032334, the custom clone sequence may differ by one or more nucleotides |

ATGAAGATCACAAAGGCAGAAACATGCCAAGAAGCATCTTGGCTTCTCCGCAACAACTTCGGAGTCCGCG  
 AGCCGTACCAGATCCTGCTGGACGGCACCTTCTGTGAGCGCGCTGCGGGGCCGCATCCAGCTGCGGGA  
 GCAGCTGCCCCGCTACCTCATGGGGGAGACGCAGCTGTGCACCACAAGATGTGTGTTAAAGAGCTAGAA  
 ACATTGGGAAAGGACTTATATGGGGCAAACCTGATTGCACAAAATGCCAAGTTCGAAATTGCTCCTATT  
 TCAAGAATGCAGTGAGTGGATCAGAATGTCTGCTTCCATGGTTGAAGAGGGAAATCCTCATCATTATTT  
 TGTGGCAACACAGGATCAGAATTTGTCTGTGAAAGTAAAAAGAAGCCTGGAGTTCCTCATGTTTATT  
 ATTCAGAACACTATGGTTTTGGACAAACCTTCTCCAAAACAATTGCCTTTGTAAAAGCAGTGGAGTCAG  
 GTCAGCTTGTCTCAGTGCATGAGAAAGAAAGTATCAAACATCTCAAAGAGGAACAGGGTTTGTGAAAAA  
 CACTGAACAGAGTAGAAGAAAAAGCGCAAGAAAAAAGTGGTCCCAATCCTCTTAGTTGTTTGAAGAAA  
 AAGAAAAAGGCACCGGACACACAATCATCTGCTTCTGAAAAGAAAAAGAAAAAGAAATTTCGGAACA  
 GATCTAACCCAAAAGTACTTTCTGAGAAGCAGAATGCAGAAGGAGAATGA


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| <b>5' Read Nucleotide Sequence:</b> | <p>&gt;OriGene 5' read for NM_032334 unedited</p> <pre> TTTTTGTATACGACTCCTATAGGCGGCCGCGNAATTTCGCACGAGGCTGGCATTGAGGGTA CTGGGGCGTGCGTGAGGCGTTTACTGATGCTTCCTGGTCCGGTGGCCTCGGTCCCGGTAA GCCAGGCATGAAGATCACAAGGCAGAAACATGCCAAGAAGCATCTTGGCTTCTTCCGCAA CAACTTCGGAGTCCGCGAGCCGTACCAGATCCTGCTGGACGGCACCTTCTGTGAGCGGC GCTGCGGGGCCGATCCAGCTGCGGGAGCAGCTGCCCCGCTACCTCATGGGGAGACGCA GCTGTGCACCAAGGTGGGCCCGGGGGCTGGGAGGAGGCACAGAGGGTCCGTCCGGT GTTGTAGAGGCGAGGCCGTTGCTCACAGACCTTCATTGCGAGCTCAGGAGGTGCAAAACG CCCCGCCACGTGGAGTTGACAGTTAAGTGGAGAGGTGAAGGTGGTCAGGCGAATACCTA TAATAGAGGCAGATTGGACAGTGCCCTGTGAATATCACGTGTCGTTAGCCTGGCGAATGA GAGCACATTATAGCAGAGAGATCCGACTTCGAATCTTGATCCCAGTTCTACCAGCTCTGT GATTTCTGTCAAGTTATTTAGCCTCTCTGAGCCTCGGATTCTCATTTGTAATAAAGA TGATAACTGCTTAGAAGATTGCTGAAGCTCAAACGAGTATAGTGTACTAGAGCATTTTT CGGTATCCAAAGTGATCCCGTCTTCAAATGGTTGCTGTCATTTGCATAGCNTTTCTTAGT TTAAACCAAACTCTGCAAGCCTCACAGTGAACCTGTNGAGTACCATCTTTGATGTCCAG GGCANAAAGTCAGTACTTGAGAATAAGGAATCTGCCAGCACATTTGTTTATCCAACTCG CTTTATTAAGTACCTNCTATATGCACATACTGCTNCCTCATGGCCAGTNAAGTGCATAAG TCAGTCTGCAGTGTGTGTTT </pre> |
| <b>3' Read Nucleotide Sequence:</b> | <p>&gt;OriGene 3' read for NM_032334 unedited</p> <pre> TGTACCGCGGCACGCTATCTACATCGAGTTTTTTTTTTTTTTTTTTCTTTTCAGAATCAG AGATTGTGTGTCCGGTGCCTTTTTCTTTTCTTCAAACAATAAGAGGATTGGGACCACT TATTTTCTTGCGTTTTTTCTTCTACTCTGTTGAGCGCTTTTCACTAAACCTGTTCTCTC TTTGAGATGTCAGATACTTACTTTCTCATGCTCTGAGACAAGCTGACCTGACTCCAGTGC TTTTACAAAGGTAATTGTTTTTGGGAGAAGGCTTGCCAAAACCATACGCCTCTGAATAC TACACATGACAGGAACCCAGGCTTCTTTTTTACTCTCCCAAACATATCCTGACCTATC TAAATAAATCATAATTATGCACTCTACATGCCCTCACCGCTCCTTACATCGCTCTCCC CTAACCTGGTCTGCGACTGTCCCAACGCGGCTCTCTTTTCCCGCGTCTTACCACCCCCC GCGCTACCTTTCTCGCAACGCGGCTCTCTTTTCCCGCGTCTTACCACCCCCC CCTCTCTACATTCCCCCTCCCGTCCGTCGCGCGGCCCTTGTCCCGTCCCTCCCTC TCCGCGCTCCCGTCCCCCCTGCCCCCCCCCTCGCCCGCCCTCCTCCATTACATCCC TCTGCTCTCCACCACTCACTTCTGTACTGTACGTTTCGAGACGCTCCCTCTCCACCCCC CCCCTACACCGCCCCCTCTCCTCCATCCCACTGCTTTACACTTGCTCTGTCTCTTTCT CTTTCTCGCACTCCCTTATACTCCCTACTTCCATCTTTCTTCTTCCATTCCCCCCCC CCCTCTCTCTCTCTTTTCTCATATCTGACTCGTCCATTCTTCCGACAGTCTCGGCC TCTCTCTCCGAAGTCCGAGACGCCGCGCTNTCGCTCTTTGTGTCGCCAACCTCCCCCG CCCCACTTTCCACTCTGCTCTCCCCCGCGCCCCATTATCTCC </pre>    |
| <b>Restriction Sites:</b>           | NotI-NotI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>ACCN:</b>                        | NM_032334                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Insert Size:</b>                 | 5810 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>OTI Disclaimer:</b>              | 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).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Components:</b>                  | 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).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol> |
| <b>RefSeq:</b>                | <u>NM_032334.1, NP_115710.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>RefSeq Size:</b>           | 998 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>RefSeq ORF:</b>            | 750 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Locus ID:</b>              | 84294                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID:</b>            | <u>Q9BRU9</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 8q24.11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Domains:</b>               | DUF652                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Gene Summary:</b>          | Involved in rRNA-processing and ribosome biogenesis.[UniProtKB/Swiss-Prot Function]                                                                                                                                                                                                                                                                                                                                                                                                                                     |