

## Product datasheet for SC332611

### UTY (NM\_001258253) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** UTY (NM\_001258253) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** UTY  
**Synonyms:** KDM6AL; KDM6C; UTY1  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC332611 representing NM\_001258253.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

ATGAAATCCTGCGCAGTGTGCTCACTACCGCCGCTGTTGCCTTCGGTGATGAGGCAAAGAAAATGGCG
GAAGGAAAAGCGAGCCGCGAGAGTGAAGAGGAGTCTGTTAGCCTGACAGTCGAGGAAAGGGAGCGCTT
GGTGGCATGGACAGCCGCTCTTCGGGTTCTGAGGCTTCATGAAGATGGCGCCAGAACGAAGACCCTA
CTAGGCAAGGCTGTTGCTGCTACGAATCTTTAATCTTAAAGCTGAAGGAAAAGTGGAGTCTGACTTC
TTTTGCCAATTAGGTCACCTTCAACCTCTGTTGGAAGATTATTCAAAGCATTATCTGCATATCAGAGA
TATTACAGTTTACAGGCTGACTACTGGAAGAATGCTGCGTTTTTATATGGCCTTGGTTTGGTCTACTTC
TACTACAATGCATTTTCATTGGGCAATTAAGCATTTCAGATGCTCTTATGTTGACCCAGCTTTTGT
CGAGCCAAGGAAATTCATTTACGACTTGGGCTCATGTTCAAAGTGAACACAGACTACAAGTCTAGTTTA
AAGCATTTTCAGTTAGCCTTGATTGACTGTAATCCATGTAATTTGTCCAATGCTGAAATTCATTTTCAT
ATTGCCATTTGTATGAAACCCAGAGGAAGTATCATTCTGCAAAGGAGGCATATGAACAACCTTTGCAG
ACAGAAAACCTTCTGCACAAGTAAAAGCAACTGTATTGCAACAGTTAGGTTGGATGCATCATAATATG
GATCTAGTAGGAGACAAAGCCACAAAGGAAAGCTATGCTATTCAAGTATCTCCAAAAGTCTTTGGAGGCA
GATCCTAATTCTGGCCAATCGTGGTATTTTCTTGAAGGTGTTATTCAAGTATTGGGAAAGTTCAGGAT
GCCTTTATATCTTACAGGCAATCTATTGATAAATCAGAAGCAAGTGCAGATACATGGTGTCAATAGGT
GTGTTGTATCAGCAGCAAAATCAGCCTATGGATGCTTTACAGGCATATATTTGTGCTGTACAATTGGAC
CATGGGCATGCCGAGCCTGGATGGACCTAGGTAATCTCTATGAATCCTGCAATCAACCTCAAGATGCC
ATTAATGCTACCTAAATGCAGCTAGAAGCAAACGTTGTAGTAATACCTTACGCTTGTGCAAGAATT
AAATTTCTACAGAATGGTTCTGATAACTGGAATGGTGGCCAGAGTCTTTACATCATCCAGTACAGCAA
GTTTATTCGTTGTGTTTACACCCAGAAATTACAGCACTTGAACAACCTGCGAGCAAATAGAGATAAT
TTAAATCCAGCACAGAAGCATCAGCTGGAACAGTTAGAAAGTCAAGTTGTCTTAATGCAGCAAATGAGA
CACAAAGAAGTTGCTCAGGTACGAACTACTGGAATTCATAACGGGGCCATAACTGATTCACTACTGCCT
ACAAACTGTCTCTAATCGACAACCACATGGTGTCTGACCAGAGTATCTAGCGTCTCTCAGCCTGGA
GTTGCGCCCTGCTGTGTTGAAAACTTTTGTCCAGTGGAGCTTTTCTGCAAGGCTGATTCTTGTGGC
ACATCAAAAATCTAGGAAGTACAGACACTATCTTGTAGGCAAGTAAATGTATAGCAGGAAGTGAAGT
AATGGAAATGTGCCTTACCTGCAGCAAAATACACACACTCTACCTCATAATCATAAGACCTGAACAGC
AGCACAGAAGAGCCATGGAGAAAACAGCTATCTAACTCCGCTCAGGCCTACCTTGGACATCTTACAGGT
TTCATACAAGACAACGCAATAAAGGGCTTCATAAAAGTCAAGTTTCATGTTTGTGAGGACCTAATGAA
GAACAACCTCTGTTTTCCACTGGGTCAGCCAGTATCACCAGGCAACTAGCACTGGTATTAAGAAGGCG
  
```



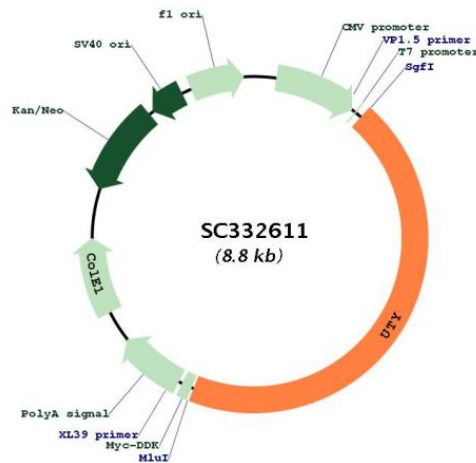
[View online »](#)

AATGAACATCTCACTCTGCCTAGTAATTCAGTACCACAGGGGGATGCTGACAGTCACCTCTCCTGTCCAT  
 ACTGCTACCTCAGGTGGACAACAAGGCATTATGTTTACCAAAGAGAGCAAGCCTTCAAAAAATAGATCC  
 TTGGTGCCTGAAACAAGCAGGCATACTGGAGACACATCTAATGGCTGTGCTGATGTCAAGGGACTTTCT  
 AATCATGTTTCATCAGTTGATAGCAGATGCTGTTTCCAGTCCTAACCATGGAGATTCACCAAAATTTATTA  
 ATTGCAGACAATCCTCAGCTCTCTGCTTTGTTGATTGGAAAAGCCAATGGCAATGTGGGTACTGGAACC  
 TGTGACAAAGTGAATAATATTCACCCAGCTGTTTCATACAAAGACTGATCATTCTGTTGCCTCTTCACCC  
 TCTTCAGCCATTCCACAGCAACACCTTCTCCTAAATCCACTGAGCAGAGAAGCATAAACAGTGTACC  
 AGCCTTAACAGTCTCACAGTGGATTACACACAGTCAATGGAGAGGGGCTGGGGAAGTCACAGAGCTCT  
 ACAAAAAGTAGACCTGCCTTTAGCTAGCCACAGATCTACTTCTCAGATCTTACCATCAATGTCAGTGTCT  
 ATATGCCCCAGTTCAACAGAAGTTCTGAAAGCATGCAGGAATCCAGGTA AAAATGGCTTGTCTAATAGC  
 TGCATTTTGTAGATAAATGTCCACCTCCAAGACCACCAACTTCACCATACCCACCCTTGCCAAAGGAC  
 AAGTTGAATCCACCCACACCTAGTATTTACTTGGAAAATAAACGTGATGCTTTCTTTCTCCATTACAT  
 CAATTTTGTACAAATCCAAAAACCTGTTACAGTAATACGTGCCTTGTGGAGCTCTTAAATTAGAT  
 CTTGGACTTTTCTACCAAACTTTGGTAGAAGCTAACATGAACATATGGTAGAAGTGAGGACACAG  
 TTGCTGCAACCAGCAGATGAAAACCTGGGATCCCACTGGAACAAAGAAAATCTGGCGTTGTGAAAGCAAT  
 AGATCTCATACTACAATTGCCAAATACGCACAATACCAGGCTTCTCCTTCCAGGAATCATTGAGAGAA  
 GAAAATGAGAAAAGAACAACAACAAAGATCATTAGATAACGAATCCACATCTTCAGAGAATTCTGGA  
 AGGAGAAGGAAAGGACCTTTTAAAACCATAAAATTTGGGACCAACATTGACCTCTCTGATAACAAAAAG  
 TGGAAAGTGCAGTTACATGAAGTACTAACTTCTGCTTTTGGCGGTGTGGTGTGAGCAGGAAATCTT  
 CTAACCCATGTTGGGCATACCATTCTGGGCATGAATACAGTACAAGTGTATGAAAGTTCAGGGAGT  
 CGGACACCAGGTCACCAAGAAAATAACAACCTTCTGCTCTGTTAACATAAATATTGGTCCAGGAGATTGT  
 GAATGGTTTGTGTACCTGAAGATTATTGGGGTGTCTGAATGACTTCTGTGAAAAAATAATTTGAAT  
 TTTTTAATGAGTCTTGGTGGCCCAACCTTGAAGATCTTATGAAGCAAATGTCCTGTGTATAGATTT  
 ATTCAGCGACCTGGAGATTTGGTCTGGATAAATGCAGGCACTGTGCATTGGGTTCAAGCTGTTGGCTGG  
 TGCAATAACATTGCCTGGAATGTTGGTCCACTTACAGCCTGCCAGTATAAATTGGCAGTGAACGGTAT  
 GAATGGAACAAATTGAAAAGTGTGAAGTACCAGTACCCATGGTGCATCTTCTGGAATATGGCACGA  
 AATATCAAAGTCTCAGATCCAAAGCTTTTTGAAATGATTAAGTATTGTCTTTTAAAAATTCTGAAGCAA  
 TATCAGACATTGAGAGAAGCTCTTGTTCAGCAGGAAAAGAGTTATATGGCATGGGCGGACAAATGAT  
 GAACCAGCTCATTACTGTAGCATTGTGAGGCTCTTTCATTATCATCCTCATCTGA

Restriction Sites:

SgfI-MluI

Plasmid Map:



ACCN: NM\_001258253

Insert Size: 3921 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).
<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><a href="#">NM_001258253.1</a></u>
<b>RefSeq Size:</b>	6403 bp
<b>RefSeq ORF:</b>	3921 bp
<b>Locus ID:</b>	7404
<b>Cytogenetics:</b>	Yq11.221
<b>Protein Families:</b>	Transmembrane
<b>MW:</b>	144.6 kDa
<b>Gene Summary:</b>	<p>This gene encodes a protein containing tetratricopeptide repeats which are thought to be involved in protein-protein interactions. The encoded protein is also a minor histocompatibility antigen which may induce graft rejection of male stem cell grafts. A large number of alternatively spliced transcripts have been observed for this gene, but the full length nature of some of these variants has not been determined. [provided by RefSeq, Apr 2012]</p> <p>Transcript Variant: This variant (8) has multiple differences in the coding region, but maintains the reading frame, compared to variant 4. The encoded isoform (8) is shorter than isoform 4.</p> <p>Sequence Note: This RefSeq record was created based on a transcript variant reported in PMID: 21329462, and assembled from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly.</p>