

Product datasheet for SC332620

UTY (NM_001258262) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: UTY (NM_001258262) Human Untagged Clone
Tag: Tag Free
Symbol: UTY
Synonyms: KDM6AL; KDM6C; UTY1
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332620 representing NM_001258262.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

ATGAAATCCTGCGCAGTGTGCTCACTACCGCCGCTGTTGCCTTCGGTGATGAGGCAAAGAAAATGGCG
GAAGGAAAAGCGAGCCGCGAGAGTGAAGAGGAGTCTGTTAGCCTGACAGTCGAGGAAAGGGAGGCGCTT
GGTGGCATGGACAGCCGCTCTTCGGGTTCTGAGGCTTCATGAAGATGGCGCCAGAACGAAGACCCTA
CTAGGCAAGGCTGTTGCTGCTACGAATCTTTAATCTTAAAAGCTGAAGGAAAAGTGGAGTCTGACTTC
TTTTGCCAATTAGGTCACCTCTGTTGGAAGATTATTCAAAGCATTATCTGCATATCAGAGA
TATTACAGTTTACAGGCTGACTACTGGAAGAATGCTGCGTTTTTATATGGCCTTGGTTTGGTCTACTTC
TACTACAATGCATTTTCATTGGGCAATTAAGCATTTCAGATGCTCTTATGTTGACCCAGCTTTTGT
CGAGCCAAGGAAATTCATTTACGACTTGGGCTCATGTTCAAAGTGAACACAGACTACAAGCTAGTTTA
AAGCATTTTCAGTTAGCCTTGATTGACTGTAATCCATGACTTTGTCCAATGCTGAAATTCATTTTCAT
ATTGCCATTTGTATGAAACCCAGAGGAAGTATCATTCTGCAAAGGAGGCATATGAACAACCTTTTCAG
ACAGAAAACCTTCTGCACAAGTAAAAGCAACTGTATTGCAACAGTTAGGTTGGATGCATCATAATAG
GATCTAGTAGGAGACAAAAGCCACAAAGGAAAGCTATGCTATTCAAGTATCTCCAAAAGTCTTTGGAGGCA
GATCCTAATTCTGGCCAATCGTGGTATTTTCTTGAAGGTGTTATTCAAGTATTGGGAAAGTTCAGGAT
GCCTTTATATCTTACAGGCAATCTATTGATAAATCAGAAGCAAGTGCAGATACATGGTGTCAATAGGT
GTGTTGTATCAGCAGCAAATCAGCCTATGGATGCTTTACAGGCATATATTTGTGCTGTACAATTGGAC
CATGGGCATGCCGAGCCTGGATGGACCTAGGTACTCTCTATGAATCCTGCAATCAACCTCAAGATGCC
ATTAATGCTACCTAAATGCAGCTAGAAGCAAACGTTGTAGTAATACCTTACGCTTGTGCAAGAATT
AAATTTCTACAGGCTCAGTTGTGAACCTTCCACAAAGTAGTCTACAGAATAAACTAAATTACTTCCT
AGTATTGAGGAGGCATGGAGCCTACCAATCCCCGAGAGCTTACCTCCAGGCAGGGTGCCATGAACACA
GCACAGCAGGCTTATAGAGCTCATGATCCAAATACTGAACATGTATTAACCACAGTCAAACACCAATT
TTACAGCAATCCTTGCTACTACACATGATTACTTCTAGCCAAGTAGAAGGCTGTCCAGTCTGCCAAG
AAGAAAAGAATCTAGTCCAACAAAGAATGGTCTGATAAAGTGAATGGTGGCCAGAGTCTTTCACAT
CATCCAGTACAGCAAGTTTATTCGTTGTGTTTGCACCCAGAAAATTACAGCACTTGGAAACAACTGCCG
GCAAATAGAGATAATTTAAATCCAGCACAGAAGCATCAGCTGGAACAGTTAGAAAAGTCAAGTTTGTCTTA
ATGCAGCAAATGAGACACAAAGAAGTTGCTCAGGGGCTTCATAAAAGTCAAGATTCATGTTTGTGAGGA
CCTAATGAAGAACAACCTCTGTTTTCCACTGGGTGAGCCAGTATCACCAGGCAACTAGCACTGGTATT
AAGAAGGCGAATGAACATCTCACTCTGCCTAGTAATTCAGTACCACAGGGGGATGCTGACAGTCACTC
TCCTGTACTACTGCTACCTCAGGTGGACAACAAGGCATTATGTTTACCAAAGAGAGCAAGCCTTCAAAA
  
```



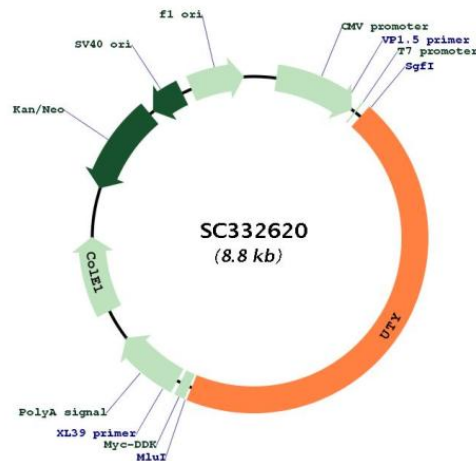
[View online »](#)

AATAGATCCTTGGTGCCTGAAACAAGCAGGCATACTGGAGACACATCTAATGGCTGTGCTGATGTCAAG
 GGACTTTCATATCATGTTTCATCAGTTGATAGCAGATGCTGTTCCAGTCTAACCATGGAGATTCACCA
 AATTTATTAATTGCAGACAATCCTCAGCTCTCTGCTTTGTTGATTGGAAAAGCCAATGGCAATGTGGGT
 ACTGGAACCTGTGACAAAGTGAATAATATTCACCCAGCTGTTTCATACAAAGACTGATCATTCTGTTGCC
 TCTTCACCCTCTCAGCCATTTCCACAGCAACACCTTCTCCTAAATCCACTGAGCAGAGAAGCATAAAC
 AGTGTACCAGCCTTAACAGTCCACAGTGGATTACACACAGTCAATGGAGAGGGGCTGGGAAGTCA
 CAGAGCTCATAAAAAGTAGACCTGCCTTAGCTAGCCACAGATCTACTTCTCAGATCTTACCATCAATG
 TCAGTGTCTATATGCCCCAGTTCAACAGAAGTTCTGAAAGCATGCAGGAATCCAGGTAAAAATGGCTTG
 TCTAATAGCTGCATTTTGTAGATAAATGTCCACCTCCAAGACCACCAACTTCACCATACCCACCCTTG
 CCAAAGGACAAGTTGAATCCACCACACCTAGTATTTACTTGGAAAAATAACGTGATGCTTTCTTTCTT
 CCATTACATCAATTTGTACAAATCCAAAAAACCTGTTACAGTAATACGTGGCCTTGCTGGAGCTCTT
 AAATTAGATCTTGGACTTTTCTACCAAAACTTTGGTAGAAGCTAACAAATGAACATATGGTAGAAGTG
 AGGACACAGTTGCTGCAACCAGCAGATGAAAACCTGGGATCCCACTGGAACAAAGAAAATCTGGCCTGT
 GAAAGCAATAGATCTCATACTACAATTGCCAAATACGCACAATACCAGGCTTCTCCTTCCAGGAATCA
 TTGAGAGAAGAAAATGAGAAAAGAACAACAACAAGATCATTACGATAACGAATCCACATCTTCAGAG
 AATTCTGGAAGGAGAAGGAAAGGACCTTTTAAAACATAAAAATTTGGGACCAACATTGACCTCTCTGAT
 AACAAAAAGTGAAGTTGCAGTTACATGAAGTACTAACTTCTCTGCTTTTGCAGCTGTGGTGTGTCAGCA
 GGAAATCTTAAACCATGTTGGGCATACCATTCTGGGCATGAATACAGTACAACCTGTATATGAAAGTT
 CCAGGGAGTGGACACCAGGTCACCAAGAAAATAACAACCTTCTGCTCTGTTAACATAAATATTGGTCCA
 GGAGATTGTGAATGGTTTGTGTACCTGAAGATTATTGGGGTGTCTGAATGACTTCTGTGAAAAAAT
 AATTTGAATTTTTAATGAGTCTTGGTGGCCCAACCTGAAGATCTTTATGAAGCAAATGTCCCTGTG
 TATAGATTTATTCAGCGACCTGGAGATTTGGTCTGGATAAATGCAGGCACTGTGCATTGGGTTCAAGCT
 GTTGGCTGGTGAATAACATTGCCTGGAATGTTGGTCCACTACAGCCTGCCAGTATAAATGGCAGTG
 GAACGGTATGAATGGAACAAATTGAAAAGTGTGAAGTACCAGTACCCATGGTGCATCTTCTCTGGAAT
 ATGGCACGAAATATCAAAGTCTCAGATCCAAGCTTTTTGAAATGATTAAGTATTGTCTTTTAAAAATT
 CTGAAGCAATATCAGACATTGAGAGAAGCTCTGTTGCAGCAGGAAAAGAGGTTATATGGCATGGGCGG
 ACAAATGATGAACCAGCTCATTACTGTAGCATTGTGAGGTGGAGGTTTTAATCTGCTTTTGTCACT
 AATGAAAGCAATACTCAAAAAACCTACATAGTACATTGCCATGATTGTGCACGAAAAACAAGCAAAAGT
 TTGAAAATTTTGTGGTCTCGAACAGTACAAAATGGAGGACCTAATCCAAGTTTATGATCAATTTACA
 CTAGCTCTTTCATTATCATCCTCATCTGA

Restriction Sites:

SgfI-MluI

Plasmid Map:



ACCN:

NM_001258262

Insert Size:	3963 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:	<ol style="list-style-type: none">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_001258262.1</u>
RefSeq Size:	6445 bp
RefSeq ORF:	3963 bp
Locus ID:	7404
Cytogenetics:	Yq11.221
Protein Families:	Transmembrane
MW:	147.2 kDa
Gene Summary:	<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 (17) uses an alternate splice site in the coding region, but maintains the reading frame, compared to variant 4. The encoded isoform (17) is shorter than isoform 4. 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>