

Product datasheet for SC332624

UTY (NM_001258266) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UTY (NM_001258266) Human Untagged Clone
Tag:	Tag Free
Symbol:	UTY
Synonyms:	KDM6AL; KDM6C; UTY1
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC332624 representing NM_001258266. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

ATGAAATCCTGCGCAGTGTGCTCACTACCGCCGCTGTTGCCTTCGGTGATGAGGCAAAGAAAATGGCG
GAAGGAAAAGCGAGCCGCGAGAGTGAAGAGGAGTCTGTTAGCCTGACAGTCGAGGAAAGGGAGCGCTT
GGTGGCATGGACAGCCGCTCTTCGCGGTTCTGAGGCTTCATGAAGATGGCGCCAGAACGAAGACCCCTA
CTAGGCAAGGCTGTTGCTGCTACGAATCTTTAATCTTAAAAGCTGAAGGAAAAGTGGAGTCTGACTTC
TTTTGCCAATTAGGTCACCTCTGTTGGAAGATTATTCAAAGCATTATCTGCATATCAGAGA
TATTACAGTTTACAGGCTGACTACTGGAAGAATGCTGCGTTTTATATGGCCTTGGTTTGGTCTACTTC
TACTACAATGCATTTTCATTGGGCAATTAAGCATTTCAGATGCTCTTATGTTGACCCAGCTTTTGT
CGAGCCAAGGAAATTCATTTACGACTTGGGCTCATGTTCAAAGTGAACACAGACTACAAGTCTAGTTTA
AAGCATTTTCAGTTAGCCTTGATTGACTGTAATCCATGACTTTGTCCAATGCTGAAATTCATTTTCAT
ATTGCCATTTGTATGAAACCCAGAGGAAGTATCATTCTGCAAAGGAGGCATATGAACAACCTTTTGCAG
ACAGAAAACCTTCTGCACAAGTAAAAGCAACTGTATTGCAACAGTTAGGTTGGATGCATCATAATATG
GATCTAGTAGGAGACAAAGCCACAAAGGAAAGCTATGCTATTCAAGTATCTCCAAAAGTCTTTGGAGGCA
GATCCTAATTCTGGCCAATCGTGGTATTTCTTGAAGGTGTTATTCAAGTATTGGGAAAGTTCAGGAT
GCCTTTATATCTTACAGGCAATCTATTGATAAATCAGAAGCAAGTGCAGATACATGGTGTCAATAGGT
GTGTTGTATCAGCAGCAAATCAGCCTATGGATGCTTTACAGGCATATATTTGTGCTGTACAATTGGAC
CATGGGCATGCCGAGCCTGGATGGACCTAGGTAATCTCTATGAATCCTGCAATCAACCTCAAGATGCC
ATTAATGCTACCTAAATGCAGCTAGAAGCAAACGTTGTAGTAATACCTTACGCTTGTGCAAGAATT
AAATTTCTACAGGCTCAGTTGTAACTTCCACAAAGTACTACAGAATAAACTAAATTAATTTCTCCT
AGTATTGAGGAGGCATGGAGCCTACCAATCCCCGAGAGCTTACCTCCAGGCAGGTTGCCATGAACACA
GCACAGCAGAATGGTTCTGATACTGGAATGGTGGCCAGAGTCTTTCACATCATCCAGTACAGCAAGTT
TATTCGTTGTGTTGACACCACAGAAATACAGCACTTGAACAACCTGCGAGCAAATAGAGATAATTTA
AATCCAGCACAGAAGCATCAGCTGGAACAGTTAGAAAGTCAAGTTGTCTTAATGCAGCAAATGAGACAC
AAAGAAGTTGCTCAGGTACGAACACTGGAATTCATAACGGGGCCATAACTGATTCATCACTGCCTACA
AACTCTGTCTCTAATCGACAACCATGGTGTCTGACCAGAGTATCTAGCGTCTCTCAGCCTGGAGTT
CGCCCTGCTTGTGTTGAAAACTTTTGTCCAGTGGAGCTTTTCTGCAGGCTGTATTCTTGTGGCACA
TCAAAAATTTAGGAAGTACAGACACTATCTTGTAGGCAGTAATTGTATAGCAGGAAGTAAAAGTAAAT
GGAAATGTGCCTTACCTGCAGCAAATACACACTCTACCTCATAATCATACAGACCTGAACAGCAGC
ACAGAAGGCCATGGAGAAAACAGCTATCTAACTCCGCTCAGGGGCTTCATAAAAGTCAAGTTCATGT

```



[View online »](#)

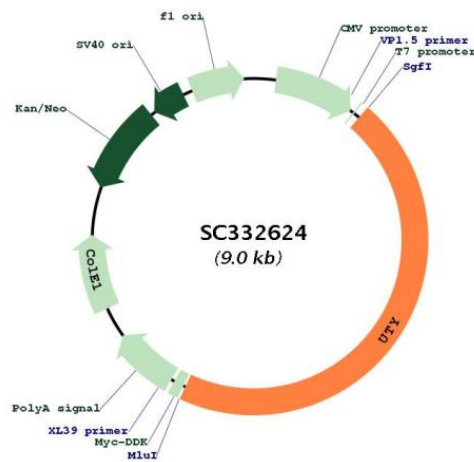
```

TTGTCAGGACCTAATGAAGAACAACCTCTGTTTTCCACTGGGTCAGCCCAGTATCACCAGGCAACTAGC
ACTGGTATTAAGAAGGCGAATGAACATCTCACTCTGCCTAGTAATTCAGTACCACAGGGGATGCTGAC
AGTCACCTCTCCTGTCATACTGTACCTCAGGTGGACAACAAGGCATTATGTTTACCAAAGAGAGCAAG
CCTTCAAAAAATAGATCCTTGGTGCCTGAAACAAGCAGGCATACTGGAGACACATCTAATGGCTGTGCT
GATGTCAAGGGACTTTCTAATCATGTTTCATCAGTTGATAGCAGATGCTGTTTCCAGTCTAACCATGGA
GATTCACCAAAATTTAATGTCAGACAATCCTCAGCTCTGCTTTGTGATTGAAAAGCCAATGGC
AATGTGGGTACTGGAACCTGTGACAAAGTGAATAATTCACCCAGCTGTTTCATACAAAGACTGATCAT
TCTGTTGCCTCTTACCCTCTTCAGCCATTTCCACAGCAACACCTTCTCCTAAATCCACTGAGCAGAGA
AGCATAAACAGTGTACCAGCCTAACAGTCTCACAGTGGATTACACACAGTCAATGGAGAGGGGCTG
GGGAAGTCACAGAGCTCTACAAAAGTAGACCTGCCTTTAGCTAGCCACAGATCTACTTCTCAGATCTTA
CCATCAATGTCAGTGTCTATATGCCCCAGTTCAACAGAAGTTCTGAAAGCATGCAGGAATCCAGGTAAA
AATGGCTGTCTAATAGCTGCATTTTGTAGATAAATGTCACCTCCAAGACCACCAACTCACCATAC
CCACCCTTGCCAAAGGACAAGTTGAATCCACCCACACCTAGTATTTACTTGAAAATAAACGTGATGCT
TTCTTCTCCATTACATCAATTTGTACAAATCCAAAAACCCTGTACAGTAATACGTGGCCTTGCT
GGAGCTCTTAAATTAGATCTTGGACTTTTCTCTACAAAACCTTTGGTAGAAGCTAACAAATGAACATATG
GTAGAAGTGAGGACACAGTTGCTGCAACCAGCAGATGAAAACCTGGGATCCCACTGGAACAAGAAAATC
TGGCGTTGTGAAAGCAATAGATCTCATACTACAATTGCCAAATACGCACAATACCAGGCTTCTCCTTC
CAGGAATCATTGAGAGAAGAAAATGAGAAAAGAACAACAACAAGATCATTAGATAACGAATCCACA
TCTTCAGAGAAGTGAAGTTGCAGTTACATGAAGTACTAACTTCTGCTTTTGCAGCGTGTGGTGTCA
GCAGGAAATCTTCAACCATGTTGGGCATACCATTCTGGGCATGAATACAGTACAAGTGTATATGAAA
GTTCCAGGGAGTCGGACACCAGTCCACCAAGAAAATAACAACCTTCTGCTCTGTTAACATAAATTTGGT
CCAGGAGATTGGAATGGTTTGTGTACCTGAAGATTATGGGGTGTCTGAATGACTTCTGTGAAAA
AATAATTTGAATTTTTAATGAGTCTTGGTGGCCCAACCTTGAAGATCTTTATGAAGCAATGTCCCT
GTGTATAGATTTATTCAGCGACCTGGAGATTTGGTCTGGATAAATGCAGGCACTGTGCATTGGGTTCAA
GCTGTTGGCTGGTGAATAACATTGCCTGGAATGTTGGTCCACTTACAGCCTGCCAGTATAAATTGGCA
GTGGAACGGTATGAATGGAACAAATTGAAAAGTGTGAAGTACCAGTACCCATGGTGCATCTTCTGG
AATATGGCACGAAATATCAAAGTCTCAGATCCAAGCTTTTTGAAATGATTAAGTATTGCTTTTGAAA
ATTCTGAAGCAATATCAGACATTGAGAGAAGCTCTTGTTCAGCAGGAAAAGAGTTATATGGCATGGG
CGGACAAATGATGAACCAGCTCATTACTGTAGCATTGTGAGGTGGAGGTTTTAATCTGCTTTTGTG
ACTAATGAAAGCAATACTCAAAAAACCTACATAGTACATTGCCATGATTGTGCACGAAAAACAAGCAAA
AGTTTGGAAAATTTGTGGTGTGCGAACAGTACAAAATGGAGGACCTAATCCAAGTTATGATCAATTT
ACACTAGCTCTTTCATTATCATCTCATCTTGA
    
```

Restriction Sites:

Sgfl-MluI

Plasmid Map:



ACCN:	NM_001258266
Insert Size:	4104 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_001258266.1</u>
RefSeq Size:	6586 bp
RefSeq ORF:	4104 bp
Locus ID:	7404
Cytogenetics:	Yq11.221
Protein Families:	Transmembrane
MW:	151.6 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 (21) lacks two exons in the coding region, but maintains the reading frame, compared to variant 4. The encoded isoform (21) 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>