

Product datasheet for SC332619

UTY (NM_001258261) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: UTY (NM_001258261) Human Untagged Clone
Tag: Tag Free
Symbol: UTY
Synonyms: KDM6AL; KDM6C; UTY1
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332619 representing NM_001258261.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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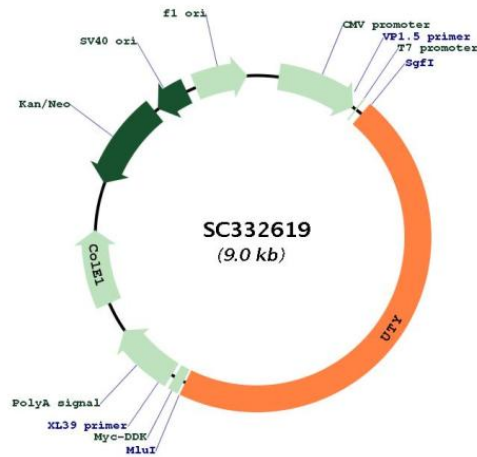


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Restriction Sites:

SgfI-MluI

Plasmid Map:


ACCN: NM_001258261

Insert Size: 4170 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_001258261.1](#)

RefSeq Size: 6652 bp

RefSeq ORF: 4170 bp

Locus ID: 7404

Cytogenetics: Yq11.221

Protein Families: Transmembrane

MW: 154 kDa

Gene Summary:

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]

Transcript Variant: This variant (16) has multiple differences in the coding region, but maintains the reading frame, compared to variant 4. The encoded isoform (16) 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.