

## **Product datasheet for SC317737**

## Oct6 (POU3F1) (NM 002699) Human Untagged Clone

## **Product data:**

**Product Type:** Expression Plasmids

**Product Name:** Oct6 (POU3F1) (NM\_002699) Human Untagged Clone

Tag: Tag Free

Symbol: Oct6

Synonyms: OCT6; OTF6; SCIP

Mammalian Cell

Selection:

None

Vector: pCMV6-XL5

E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM\_002699 edited

ATGGCCACCACCGCGCAGTACCTGCCGCGGGGCCCCGGTGGCGGAGCCGGGGGCACCGGG CATGCAGGGGCCGCGTACCGCGAAGTGCAGAAGCTGATGCACCACGAGTGGCTGGGCGCG GGCGCGGCCACCCCGTGGGCCTAGCGCACCCCCAGTGGCTACCCACGGGAGGAGGCGGC GGCCGAGCCGACGACGGCGGCGGCGGCGGAGGTTTCCACGCGCGCCTGGTGCACCAGGGG GCGGCCCACGCGGCGCATGGGCGCAGGGCAGCACAGCGCACCACTTGGGCCCGGCC ATGTCGCCCTCGCCCGGGGCCAGCGGGGCCACCAGCCCCAGCCGCTCGGGCTGTACGCG CAGGCGGCCTACCCGGGGGGCGGCGGCGGCGGCCTGGCCGGATGCTGGCGGCGGCGGT GGCGGCGCGGGCCTGCACCACGCGCTGCACGAGGATGGCCACGAGGCGCAGCTG GAGCCGTCGCCGCCGCCATCTGGGCGCCCACGGACACGCACACGGACATGCACACGCG GGCGGCCTGCACGCGGCGCGCGCGCCACCTGCACCCGGGCGCGGCGGCGGCGGCGGCTCATCG GTGGGCGAGCACTCGGACGAGGATGCGCCCAGCTCGGACGACCTGGAGCAGTTCGCCAAG CAGTTCAAGCAGCGGCGCATCAAGCTGGGCTTTACGCAGGCCGACGTGGGGCTGGCGCTG GGCACGCTCTACGGTAACGTGTTCTCGCAGACCACCATCTGCCGCTTCGAGGCCCTGCAG CTGAGCTTCAAGAACATGTGCAAGCTCAAGCCGCTGCTCAACAAGTGGCTGGAGGAGACC GACTCGTCCAGCGGCAGCCCCACCAACCTGGACAAGATCGCGGCGCAGGGCCGCAAGCGC AAGAAGCGCACGTCCATCGAGGTGGGGGTCAAAGGCGCGCTCGAGAGCCACTTTCTCAAG TGCCCCAAGCCCTCGGCGCACGAGATCACCGGCTTGGCAGACAGCCTGCAGCTGGAGAAG GAGGTGGTGCGCGTCTGGTTCTGCAACCGGCGGCAGAAGGAGAAGCGCATGACCCCTGCG GCCGGCGCGGCCACCCGCCCATGGACGATGTATACGCGCCTGGGGAGCTAGGGCCTGGC GGGGGCGCGCACCCTCCGCGCCCCCACCGCCCCGCCGCGGCGCGCTGCACCAC

CACCACCACACACACTGCCCGGCTCAGTGCAGTGA

**Restriction Sites:** Please inquire



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## Oct6 (POU3F1) (NM\_002699) Human Untagged Clone - SC317737

**ACCN:** NM\_002699 **Insert Size:** 1400 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).

**OTI Annotation:** The ORF of this clone has been fully sequenced and found to be a perfect match to

NM\_002699.3.

**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:** <u>NM 002699.3, NP 002690.3</u>

 RefSeq Size:
 2928 bp

 RefSeq ORF:
 1356 bp

 Locus ID:
 5453

 UniProt ID:
 Q03052

 Cytogenetics:
 1p34.3

**Protein Families:** Transcription Factors

**Gene Summary:** Transcription factor that binds to the octamer motif (5'-ATTTGCAT-3'). Thought to be involved

in early embryogenesis and neurogenesis.[UniProtKB/Swiss-Prot Function]