

Product datasheet for **SC303756**

POU3F3 (NM_006236) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: POU3F3 (NM_006236) Human Untagged Clone
Tag: Tag Free
Symbol: POU3F3
Synonyms: brain-1; BRN1; oct-8; OTF8; SNIBFIS
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_006236 edited
 GCCCTTATGGCCACGGCGGCTTCTAACCCTACCTGCCGGGAACAGCCTGCTCGCGGCC
 GGCTCTATTGTGCACTCGGACGCGGAGGGGCTGGCGGCGCGGGGGTGGCGGCGCGCG
 GCGCGCGGGGGCGCGCAGGGGGCGGGGGCGCGGCATGCAGCCGGGACGCGCCCGTG
 ACCTCGGGCGCCTACCGGGGGACCCGTCTGTCAAGATGGTCCAGAGCGACTTCATG
 CAGGGGGCCATGGCCGCAACAGCGGCCATATGCTGAGCCACGCGCACCAAGTGGGTC
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 CCGCCCGCCACCGCCGAGGGCCCCGACGTAAGGGCGGCGCGGGGCGCGACGACCTG
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 CAGTGAAGCCAGGGCGCAGAGCGAAGAGGGCCGCGCCGCGCGCGCGCTGCCGCC



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CCGCGCCGACCCTGCACCTGGGCGCTCCGGGCTCCAGCCCAGGCCCATCCGCCGCCCTC
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AACGGTAATTTATTTTTCCAGATCTTGTATTACGTGTTTTTTTCAGACGAGCACAAT
CAAAATGAAATGAAAATATGGACAGTTGTTAGGTAATAAGGGTATCTTTTGATGTGATCA
TTTGATTGTAATTTAATTTGAGTAGTGATTCCGTAAAGAGCTGATCGAGAAAATAAATTTG
TTAGAATGAAAAAATAAAAAAAAAA
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- Restriction Sites:** Please inquire
- ACCN:** NM_006236
- Insert Size:** 1503 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 contain 3bp deletion compared with NM_006236.1.
- 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_006236.1](#), [NP_006227.1](#)

RefSeq Size: 1503 bp

RefSeq ORF: 1503 bp

Locus ID: 5455

UniProt ID: [P20264](#)

Cytogenetics: 2q12.1

Protein Families: Transcription Factors

Gene Summary: This gene encodes a POU-domain containing protein that functions as a transcription factor. The encoded protein recognizes an octamer sequence in the DNA of target genes. This protein may play a role in development of the nervous system. [provided by RefSeq, Apr 2015]