

Product datasheet for **SC303236**

POU4F3 (NM_002700) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: POU4F3 (NM_002700) Human Untagged Clone
Tag: Tag Free
Symbol: POU4F3
Synonyms: BRN3C; DFNA15; DFNA42; DFNA52
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_002700 edited
 CGCTGAGCAGCGCTCACTTGGAGAGCGGCAAGCAAGCTAGACAAGCCTGATTCCATGTCA
 CCCGCTGCCACCCTGCCAGGAGCGGAAGATGATGGCCATGAACCTCAAGCAGCCTTTCCG
 GCATGCACCCGGTCTGCAAGAACCCTAAATTCTCCAGTCTGCACTCTGGCTCCGAGGCTA
 TGCGCCGAGTCTGTCTCCAGCCCGCAGCTGCAGGGTAATATATTTGGAAGCTTTGATG
 AGAGCCTGCTGGCAGCGCCGAAGCTCTGGCGGCGGTGGATATCGTCTCCACGGCAAGA
 ACCATCCGTTCAAGCCGACGCCACCTACCATACCATGAGCAGCGTGCCCTGCACGTCCA
 CTTCTGTCACCGTGCCCATCTCCACCCAGCTGCGCTCACCTCACACCCTCACCAGCCG
 TGCACCAGGGCCTCGAAGGCGACCTGCTGGAGCACATCTCGCCACGCTGAGTGTGAGCG
 GCCTGGGCGCTCCGGAACACTCGGTGATGCCCGCACAGATCCATCCACACCACCTGGGCG
 CCATGGGCCACCTGCACCAGGCCATGGGCATGAGTCACCCGCACACCGTGGCCCCCTATA
 GCGCCATGCCTGCATGCCTCAGCGACGTGGAGTCAGACCCGCGGAGCTGGAAGCCTTCG
 CCGAGCGCTTCAAGCAGCGGCGCATCAAGCTGGGGGTGACCCAGGCGGACGTGGGCGCGG
 CTCTGGCTAATCTCAAGATCCCCGGCGTGGGCTCGCTGAGCCAAAGCACCATCTGCAAGT
 TCGAGTCTCTCACTCTCTCGACAACAACATGATCGCTCTCAAGCCGGTCTCCAGGCCT
 GGTTGGAGGAGGCCGAGGCCCTACCGAGAGAAGAAGCAAGCCAGAGCTCTTCAACG
 GCAGCGAACCGGAAGCGCAACGCACGTCCATCGCGGCGCCGGAAGCGTTCACCTGAGG
 CCTATTTTCGCTATCCAGCCACGTCTTCTGAGAAGATCGCGGCCATCGCTGAGAAAC
 TGGACCTTAAAAAGAAGCTGGTGGAGAGTCTGGTTCTGCAACCAGAGACAGAAACAGAAAC
 GAATGAAGTATTCGGCTGTCCACTGATTGCGGCGAGGCGCAGCGTCCGGGAGCCGGGAGAG
 CCTAGTGCTCATCCCTCCCGGGTTCGGGGGATGGTTATCGGG

Restriction Sites: Please inquire
ACCN: NM_002700



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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 open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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:	NM_002700.1 , NP_002691.1
RefSeq Size:	1017 bp
RefSeq ORF:	1017 bp
Locus ID:	5459
UniProt ID:	Q15319
Cytogenetics:	5q32
Protein Families:	Transcription Factors
Gene Summary:	This gene encodes a member of the POU-domain family of transcription factors. POU-domain proteins have been observed to play important roles in control of cell identity in several systems. This protein is found in the retina and may play a role in determining or maintaining the identities of a small subset of visual system neurons. Defects in this gene are the cause of non-syndromic sensorineural deafness autosomal dominant type 15. [provided by RefSeq, Mar 2009]