

Product datasheet for **RN204677**

Pou3f2 (NM_172085) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pou3f2 (NM_172085) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pou3f2
Synonyms:	Brn-2; oct-7; OTF-7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204677 representing NM_172085
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGACCGCAGCGTCTAACACTACAGCCTGCTCACCTCCAGCGCCTCCATCGTGCACGCCGAGCCGC
CTGGCGGCATGCAGCAGGGCGCGGGGGCTACCGCAGGGCACAGAGCCTGGTGCAGGGCGACTACGGTGC
GCTGCAGAGCAACGGGCACCCGCTCAGCCACGCTCACCAGTGGATCACCGCGCTGTCCACGGCGGCGAGC
GGCGGGGGCGCGCGGTGGTGGAGGAGCGGGGAGGCGGGGGAGGCGGGGACGGCTCCCCGTGGT
CCACCAGCCCCCTAGGCCAGCCGACATCAAGCCCTCGGTGGTGGTACAGCAGGGTGGCCGAGGCGACGA
GCTGCACGGGCCAGGAGCGCTGCAGCAGCAGCAACAGCAACAGCAGCAGCAGCAACAGCAACAGCAG
CAACAACAGCAACAGCAGCAGCAACAACAGCGACCGCCACATCTGGTGCACCAGCTGCCAACCACC
ATCCCGGGCCCGGGCATGGCGGAGTGGCGGGTGCAGCTCACCTTCTCCCTCCATGGGAGCTTCCAA
CGGTGGTTTGGCTCTATTCGAGCCAGCTTACGGTGAACGGCATGCTGGGCGCAGGAGGCGAGCCGGCT
GGGCTGCACCACCACGGCCTGAGGGACGCCACGATGAGCCCCATCATGCAGACCACCACCGCATCCGC
ACTCTACCCGCAACCAGCAACCGCCCCCGCCACCTCCCCACAAGGCCACCACCGGGCCACCAGGCGCGCA
CCACGACCCGCACTCGGACGAGGACACGCCGACCTCAGACGACCTGGAGCAGTTCGCCAAGCAATTAAG
CAGAGGCGGATCAAACCTAGGATTTACTCAAGCAGACGTGGGGCTGGCGCTTGGCACCCCTGTACGGCAACG
TCTTCTCGCAGACCACCTCTGCAGTTTGAAGCCCTGCAGCTGAGCTTCAAGAACATGTGAAGCTGAA
GCCTTTGTTGAACAAGTGGTTGGAAGAGGAGACTCATCTCGGGCAGCCCCACCAGCATAGACAAGATC
GCTGCCAAGGGCGCAAACGGAAAAAGCGGACCTCCATCGAGGTGAGCGTCAAGGGGGCTCTGGAGAGCC
ATTTCCCAAATGCCCTAAGCCCTCGGCCAGGAGTACCTCCCTCGCGGACAGCTTACAGCTGGAGAA
GGAGGTGGTGAAGTTTGGTTTGTAAACAGGAGACAGAAAGAGAAAAGGATGACCCCTCCCGGAGGGACT
CTGCCGGGCGCCGAGGATGTGTATGGGGGAGTAGGGACACGCCACCACACCACGGGGTGCAGACGCCCG
TCCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_172085

Insert Size: 1338 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_172085.2](#), [NP_742082.2](#)
RefSeq Size: 5905 bp
RefSeq ORF: 1338 bp
Locus ID: 29588
Cytogenetics: 5q21
Gene Summary: binds DNA; may act as a transcription factor during neurogenesis [RGD, Feb 2006]