

Product datasheet for **RN211779**

Pou6f1 (NM_001105746) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pou6f1 (NM_001105746) Rat Untagged Clone
Tag: Tag Free
Symbol: Pou6f1
Synonyms: Brn5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN211779 representing NM_001105746
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCCCGGATCAGCAGTCCGATCCTACCAATGCTCAGGGACAGGTTATTGGAGCACTCCATGGGTAG
TGAACCTAGCCAGTGTGGCCACACCAGCACCAGCACAGAGCCTGCAGGTCCAAGCTGTGACTCCCCAGCT
CTTGTTGAATGCCAGGGCCAGGTGATCGCAACTAGCCAGCAGCCCCCTGCCTCAACCTGTGGCTGTC
CGGAAGCCAAGCACACCGGAGTCCCTGCAAGAGTGAGGTGCAACCCATCCAGCCGACACAAGCGGTGC
CCCCACCTGCTGTAATCCTCACCAGCCCAGCTCCAGCACTCAAGCCATCAGCCTCAGCTCCCATCCCAAT
CACCTGCTCAGAGACACCTACAGTCAGTCAGTTGGTATCAAAACCGCACACTCCGAGTCTGGATGAGGAC
GGGATCAACTTAGAAGAGATCCGGGAGTTTGC AAGAATTTTAAGATCCGGAGGCTCTCCCTGGTCTGA
CACAGACCCAGGTGGCCAGGCTCTGACCGCAACAGAGGGCCAGCCTACAGCCAATCAGCCATCTGCAG
GTTGAGAAGTTAGACATCACACCAAGAGTGCCAGAAGCTGAAGCCGTTTTGGAAAAGTGGTTGAAC
GAGGCAGAGCTCCGGAACCAGGAAGGCCAGCAGAATCTGATGGAGTTTGTGGCGCGGAGCCCTCCAAGA
AACGCAAGCGGCGTACTTCCTTCACACCACAGGCCATAGAGGCTCAATGCCTACTTTGAGAAAAACCC
CCTGCCACCGGCCAGGAGATCACCAGATCGCTAAGGAGCTCAACTATGACCGTGAGGTGGTGAGGGTC
TGTTCTGTAATCGACGCCAGACTCAAGAACCAGCAAGCTGAATGTCTTTCAGATCCCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001105746
Insert Size: 906 bp



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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).
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:	<u>NM_001105746.1</u> , <u>NP_001099216.1</u>
RefSeq Size:	2231 bp
RefSeq ORF:	906 bp
Locus ID:	116545
UniProt ID:	<u>P56223</u>
Cytogenetics:	7q36
Gene Summary:	binds a variant octomer core motif DNA sequence; may act as a transcriptional activator [RGD, Feb 2006]