

Product datasheet for **RN214306**

Pou6f2 (NM_001101002) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pou6f2 (NM_001101002) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pou6f2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214306 representing NM_001101002
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGATAGTCTGGACAAGTCAGTAAGCCCTTGCTGTGTCAGTGGGAGTGAAATGAATGCGGAGTTGAGAGGTG
AGGACAAGGCTGCTACTTCAGACAGCGAGCTGAATGAGCCCTGCTTGCGCCCGTGAATCAAATGACAG
CGAGGACACTCCCAGCAAGCTCTTCGGGGCCAGAGGAAACACAGTCCTACCAGAACCAGGAACTCCTGAC
CAGCACCAGGCCAGTCAGACCCATCCCTCCTTTCCAGTTGGACCACAGCCTCTTCTAACGGCACAGCAGT
TAGCCTCTGCTGTGGCCGGGTGATGCCGGGAGGCCCCAGCCCTCAATCAGCCTATCCTCATCCCTT
CAACATGGCGGGACAACAGGTGGTCAGCAAGGCCTGGTCTCACACTGCCACCAGCAATCTCACAAAC
ATCCAAGGCTGGTAGCGGCAGCTGCAGCTGGAGGCATTATGACTCTGCCATTGCAAAATTTACAAGCTA
CCTCATCCCTGAACTCCCAGCTGCAACAGCTCCAGCAACTCCAGCTCCAGCAGCAACAGCAGCAGCAACA
ACCACCTCTCCACCAACCAGCCAGCACCCACAGCCAGCCTCACAGGCGCCGACAGTCTCAGCAGCCG
CAGTCCCAGCCACCCCGCTCACCAGCCACCCTGCTTACAGCAGTTGCCAGCTGCCCCAGCTCAGC
TGCCCGAGGCTACTCAGCCTCAACAGCATCAACCTCATTCCCATCCCAGAACCAGAACCAGTCGTCTCC
AACCCAGCAGAGCTCAAGCCCCCTCAGAAACCCACCCATCTCCAGGAGGACATAGCCTTCCGTACCA
CTCACACCCGCTAACCTCTACAGATTATTGGGACCATTCCACTGATGCCTAACCCAGGGCCATCGAGTC
AAGCAGCAAGTGGCACTCAGGGCCTTCAAGTACAGCCTATCACACCCAGCTCCTAACCAATGCCAGGG
CCAAATCATTGCCACGGTCATCGAAACCAGATCTTGCCTGTGATCAATACCCAGGGTATTACCTGTCC
CCCATCAAGCCAGGCCAGCAGCTTACCAATCTTCCAGACATCAGTTGGTCAAGCAGGCACCCAAAGGCA
ACCTCTGCACCTGGCTCATGGCCAAGCATCCACTCTCAAAGTCCGGTGGCAGAGGCTTCTCTCTCTC
CTCTTCTCTCTCTCTCTCAGCTTTGAGCCTGGGCCAGTTAGTCAGCACTTACAGAATGCATTACTAC
TTGACAGTGCCTTTGGAGCTGTTAAATGGCAGCATAGAGTGCAGAAGGGAAACAGAGTTTTGGAATACAG
ACTCTCTTATGTGCTGACTGTGGGCCCTCAAATAGAGCGACCCATCCTTTTGCAAGAAACTTGAC
CGGCACTACGGTGCCCAAGATATCGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001101002

Insert Size: 1428 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_001101002.1](#), [NP_001094472.1](#)
RefSeq Size: 2445 bp
RefSeq ORF: 1428 bp
Locus ID: 681092
Cytogenetics: 17q11