

Product datasheet for **MC221631**

Pou2f1 (NM_011137) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pou2f1 (NM_011137) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pou2f1
Synonyms:	2810482H01Rik; NF-A1; Oct-1; Oct1; Otf-1; Otf1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221631 representing NM_011137
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGACGGAGGAGCAGCGAGTCAAGATGAGAGTTCAGCCCGCGCCGAGCAGCAGCAGACTCAAGAA
 TGAATAATCCATCAGAAACCAATAAATCATCTATGGAGAGTGAAGATGCCAGCACAGGCACACAAACCAA
 TGGTCTGGACTTTCAGAAACAGCCCGTGCCCGTTGGAGGAGCGATCTCCACAGCCAGGCCAGGCCCTTC
 CTCGGACATCTTCACCAGGTCCAGCTAGCTGGGACAAGTTTACAGGCTGCTGCTCAGTCTTTAAATGTAC
 AGTCTAAATCCAGTGAAGAGTCGGGAGATTGCGAGCAGTCGAGCCAGCCTTCTCCAGCCGCTTCAGT
 GCAGTCAGCCATTCAGCAGCCAGCTAATGCTGGCTGGGGACAGATAACTGGGCTCACGTTGACCCCA
 GCCCAGCAACAGTACTGCTACAGCAGGCGCAGGCCAGGCCAGCTCCTGGCCGCTGCAGTGCAGCAAC
 ACTCCGCCAGCCAACAGCACAGTGTCTGGGGCCACCATCTCAGCCTCCGCCCCACCCCATGACGCA
 GATCCCCCTGTCTCAGCCATACAGATTGCACAGGATCTCAACAATTGCAACAGCTTCAGCAGCAAAAT
 CTAACCTTGCAACAGTTTGTGTTGGTGCACCCAACCACCAACCTGCAACCAGCACAGTTTATCATCTCAC
 AGACCCCCAGGGCCAGCAGGGTCTCCTGCAAGCGCAAAATCTTTTAACGCAACTACCTCAGCAAAGCCA
 AGCCAACCTCCTACAGCCACAGCCAAGCATCACCTCAGTCCCAGCCTACCACCCCAACTCGCACAAATA
 GCAGCAGCCTCAGTTCAGACACTTCACAGAGCCAGTCAACACCAAGCGAATTGACACTCCCAGCTTGG
 AGGAGCCCAGTGACCTTGAGGAGCTTGAGCAGTTTGCCAAAGACTTTCAAACAAAGACGAATCAAACCTGG
 ATTCACCTCAGGGTGATGTTGGGCTCGCTATGGGAAATATATGGAAATGACTTCAGCCAAACCACCATC
 TCTCGCTTTGAAGCCTTGAACCTCAGCTTAAAGAACATGTGCAAGTTAAGCCCCCTTTAGAGAAGTGCC
 TAAATGATGCAGAGAACCTCTCATCTGATTCTACAGCATCTAGCCCAAGTGCTTTGAATTCAGGAGT
 GGGGGCTGAGGGCTTGAATCGTAGGAGGAAAAACGCACCAGCATAGAGACCAACATCCGTGTGGCCTTA
 GAGAAGAGTTTCATGGAGAATCAAAAGCCTACCTCGGAAGACATCACCTTGATTGCTGAACAGCTCAATA
 TGGAAAAGGAGGTGATTCGTGTTTGGTTTTGTAACCGCCGCCAGAAAGGAGAAAAGAATCAACCCGCCAG
 CAGTGGTGGGACCAGCAGCTCACCTATCAAAGCAATTTCCAGCCAGCCAGCCTATTGGTGGCAACCACT
 CCAAGCCTTGACAAGCAGTACGGCAACTACCCTCACAGTCAACCCTGTCTCCCTTTAACCAAGTGTG
 CTGTGACTAATCTCTCTTACAGATCAAGATCTTAGAAGAGGATGCAGCTGGGAAGTGCTTAGGAGTCT
 ACCAGACAGAGTACCACCACAGCAGGCACTACAGACTCGACGTCCAACAACAACAGGCCACGGTGATT
 TCCACAGCACCCCTGCTCCTCAGCAGTACATCCCCTTCTTGAGTCCCTCTCCCTCTGCTCGGCT
 CCACCTCAGAGGCTCCAGTGCCAGTGAGACCAACAGCACAGACCACCTCCACGCCTCTCCCTCCCC
 TCTCGGAGCCAGCCAGGTGATGGTGACCACGCCGGCTTACAGACAGCAGCCGCCGCTCTCCAAGGAGCG
 GCACAGTTGCCAGCAAACGCCAGTCTTGCTGCTATGGCTGCTGCTGCGGGACTCAGCCCAGGCCATGG
 CACCCTCACAGTTTGTGCTGGAGGTGCCTTACTCAGTCTCAGTCCGGGGACTCTGGGCAGTGTCTCAG
 CCCAGCCCTAATGAGCAACAGTACACTGGCAACGATTCAAGCTCTTGCTTCTAGTGGCTCTTCCAATA
 ACGTCTCTGGATGCAACTGGGAACCTGGTATTTGCCAATGCAGGAGGAGCCCCGAACATCGTGACTGCAC
 CTCTGTTCTGAACCTCAGAACCTCTCTGCTCACCAGCAACCCAGTAAGCTTGGTTTCTGCCGCTGC
 AGCCTCCACAGGGAACCTGCACCTACAGCCAGCCTTCATGCCTCCTCCACCTCAACTGAGTCCATCCAG
 AGCTCTCTGTTACAGTCGCCTCTGCCAGTGGGCTGCTTCCACCACCACAGTGCCTCCAAGGCACAGT
 GA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_011137
Insert Size: 2382 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:	<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_011137.3 , NP_035267.2
RefSeq Size:	12978 bp
RefSeq ORF:	2382 bp
Locus ID:	18986
UniProt ID:	P25425
Cytogenetics:	1 73.21 cM
Gene Summary:	<p>Transcription factor that binds to the octamer motif (5'-ATTTGCAT-3') and activates the promoters of the genes for some small nuclear RNAs (snRNA) and of genes such as those for histone H2B and immunoglobulins. Modulates transcription transactivation by NR3C1, AR and PGR (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (A). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>