

Product datasheet for **MC220530**

Pou6f2 (NM_175006) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pou6f2 (NM_175006) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pou6f2
Synonyms:	D130006K24Rik; RPF-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220530 representing NM_175006
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGATAGCTGGACAAGTCAGTAAGCCCTTGCTGTGCTGAGTGGGAGTGAAATGAATGCGGAGTTGAGAGGTG
 AGGACAAGGCTGCTACTTCAGACAGCGAGCTGAATGAGCCCTGCTTGCGCCCGCGGAATCAAATGACAG
 CGAGGACACTCCAGCAAGCTCTTCGGGGCCAGAGGAAACACAGTCTTGCCAGATCCAGGAACTCCTGAC
 CAGCACCAGGCCTGTGAGACCCATCCCACCTTTCCAGTTGGGCCACAGCCTCTTCTGACGGCACAGCAGT
 TAGCCTCTGCTGTGGCCGGGTGATGCCGGGAGGCCCCAGCCCTCAATCAGCCAATCCTCATCCCCTT
 CAACATGGCGGGACAGCTAGGTGGTCAGCAAGGCCTGGTCTCACACTGCCACCAGCGAATCTCACAAAC
 ATCCAAGGCTGGTAGCAGCAGCTGCAGCTGGAGGCATTATGACTCTGCCATTGCAAAATCTACAAGCTA
 CCTCATCCCTGAACTCCAGCTGCAACAGCTCCAGCAACTCCAGCTGCAACAGCAACAACAGCAGCAGCA
 GCAACAACAGCAACAACAACAGCAGCAACAACAACACCTCCTCCACCAACCAGCCAGCACCCACAGCCA
 GCCTCACAGGCACCCCCAGTCCAGCCACACCGCCTCACCAGCCACCACCTGCCTCACAGCAGTTGC
 CGGCTCCCCCAGCTCAGCTGCAGCAGGCTACTCAGCCTCAACAGCATCAACCTCACTCCCACCCCGAA
 CCAGACCCAGAACCAGCCATCTCCAACCAGCAGAGCTCAAGCCCCCTCAGAAACCAGCCCATCTCCC
 GGACATAGCCTTCCGTACCCGCTCACACCGCCTAACCTCTACAGCTGGTTAATAATCCTCTAGCAAGCC
 AGGCCCGCGTGTGTCAGCAGCCATGGGCTCCATAGCAAGTTCACAGGCCTTTGGCAATGCCCTCTCCAG
 CCTTACAGGGGTACAGGTCAACTAGTTACTAATGCACAAGGACAGATTATTGGGACCTTCCACTGATG
 CCTAACCCAGGGCCATCGAGTCAAGCAGCAAGTGGCACTCAGGGCCTTCAAGTACAGCCTATCACACCC
 AGCTCCTAACCAATGCCAGGGCCAAATCATTGCCACCGTCATCGAAACCAGATCTTGCCTGTGATCAA
 CACCCAGGGTATCACCTGTCCCCATCAAGCCAGGCCAGCAGTTCACCAATCTTCCCAGACATCAGTG
 GGTCAAGCAGGCACCAAGGCAACCTTCTGCACCTGGCTCATGGCCAAGCTGCCACCTCTCACAGTCCCG
 TGCGACAGGCTTCTCCTCCTCTTCTCCTCTTCTCCTCTTCTCAGCTTTGAGCGTGGGCCAGTTAGTCAG
 CAATCCTCAAACAGCAGCGGGTGGAGTGGACGGGTAACTCTGGAAGAGATCCGAGAATTTGCCAAAGCT
 TTTAAAATCCGACGCTGTCCCTTGGCCTGACACAGACTCAGGTGGGACAAGCCCTCAGTGCCACAGAGG
 GCCCCGCATACAGCCAGTCGGCCATCTGCAGACACACCATCTGAGAAGCCACTTTTTCTACCACAGGA
 AGCCCAAGAGAACTATAGCTAGCAGTCTGACAGCCAACTGAACCCTGGCCTTTGTATCCTGCCAGG
 TTTGAAAAGCTGGACATACCCCTAAAAGTGCCAGAAGATCAAGCCGGTCTTGGAGCGTGGATGGCTG
 AGGCTGAGGCCCGCCATCGAGCAGGTATGCAGAATCTCACGGAATTTATTGGGAGTGAGCCATCCAAAA
 GCGCAAGCGGCGCACCTCCTTACGCCCCAGGCCCTTGAGATCCTCAATGCCACTTTGAGAAGAACACA
 CACCCCTCAGGGCAGGAAATGACCGAGATTGCTGAGAAGCTAACTACGACCGGGAAGTAGTTAGAGTTT
 GGTCTGCAATAAGAGACAAGCTCTAAAGAACAATCAAACGCTTAAAGCAACACGAGCCACCTCGGC
 GGCCCCCTGGAGCCCTTAGCAGATTCTCCAGAAGAAAAGT**GTAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_175006
- Insert Size:** 2076 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_175006.2](#), [NP_778171.2](#)

RefSeq Size: 2403 bp

RefSeq ORF: 2076 bp

Locus ID: 218030

UniProt ID: [Q8BJI4](#)

Cytogenetics: 13 A2

Gene Summary: Probable transcription factor likely to be involved in early steps in the differentiation of amacrine and ganglion cells. Recognizes and binds to the DNA sequence 5'-ATGCAAAT-3' (By similarity).[UniProtKB/Swiss-Prot Function]