

Product datasheet for **MG206483**

Pou6f2 (BC094915) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pou6f2 (BC094915) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Pou6f2
Synonyms:	D130006K24Rik; RPF-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206483 representing BC094915 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATAGCTGGACAAGTCAGTAAGCCCTTGCTGTGTCAGTGCAGGAGTGAAATGAATGCGGAGTTGAGAGGTG
AGGACAAGGCTGCTACTTCAGACAGCGAGCTGAATGAGCCCTGCTTGCGCCCGGAATCAAATGACAG
CGAGGACACTCCAGCAAGCTCTCGGGGCCAGAGGAAACACAGTCTTACCAGATCCAGGAACTCCTGAG
CAGCACCAGGTCTGTGACACCCATCCCACCTTTCCAGTTGGGCCACAGCCTCTTCTGACGGCACAGCAGT
TAGCCTCTGCTGTGGCCGGGTGATGCCGGGAGGCCCCAGCCCTCAATCAGCCAATCCTCATCCCTT
CAACATGGCGGGACAGCTAGGTGGTCAGCAAGGCCTGGTCTCACACTGCCACCCGGAACCTCACAAAC
ATCCAAGGGCTGGTAGCAGCAGCTGCAGCTGGAGGCATTATGACTCTGCCATTGCAAAATCTACAAGCTA
CCTCATCCCTGAACTCCCAGCTGCAACAGCTCCAGCAACTCCAGCTGCAACAGCAACAACAGCAGCAGCA
GCAACAACAGCAACAACAACAGCAGCAACAACAACCCCTCCTCCACCAACCAGCCAGCACCACAGCCA
GCCTCACAGGCACCCCAAGTCCCAGCCACACCCGCTCACCAGCCACCACCTGCCTCACAGCAGTTGC
CGGCTCCCCAGCTCAGTGCAGCAGGCTACTCAGCCTCAACAGCATCAACCTCACTCCCACCCAGAA
CCAGACCCAGAACCAGCCATCTCAACCCAGCAGAGCTCAAGCCCCCTCAGAAACCAGCCATCTCCC
GGACATAGCCTTCCGTCACCGCTCACACCGACTAAACCTCTACAGCTGGTTAATAATCCTTAGCAAGCC
AGGCCGCGCTGCTGCAGCAGCCATGGGCTCCATAGCAAGTTACAGGCCTTTGGCAATGCCCTCTCCAG
CCTTCAGGGGTACAGGTCAACTAGTTACTAATGCACAAGGACAGATTATTGGGACCATTCCACTGATG
CCTAACCCAGGGCCATCGAGTCAAGCAGCAAGTGGCACTCAGGGCCTTCAAGTACAGCCTATCACACCC
AGCTCCTAACCAATGCCAGGGCCAAATCATTGCCACCGTCATCGGAAACCAGATCTTGCCTGTGATCAA
CACCCAGGTATCACCTGTCCCCATCAAGCCAGGCCAGCAGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206483 representing BC094915
 Red=Cloning site Green=Tags(s)

MIAGQVSKPLLSVRSEMNAELRGEDKAATSDSELNEPLLAPAESNDS EDTPSKLFARGNTVLPDPGTPE
 QHQVCQTHPTFPVGPQPLLTAQQLASAVAGVMPGGPPALNQPIILIPFNMAQQLGGQQGLVLTPTANL TN
 IQGLVAAAAAGGIMTLPLQNLQATSSLNSQLQQLQQLQLQQQQQQQQQQQQQQQQQQPPPPPTSOHPQP
 ASQAPPQSQPTPPHQPPPASQQLPAPPAQLQATQPQQHQPHSHPNQNTQNPSPPTQQSSSPPQKPSPP
 GHSLPSPLTPTKPLQLVNNPLASQAAAAAAMGSIASSQAFGNLSSLQGVGTGQLVTNAQQQIIGTIPLM
 PNPGPSSQAASGTQGLQVQPITPQLLTNAQQQIIATVIGNQILPVINTQGITLSPIKPGQQP

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC094915

ORF Size: 1238 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [BC094915](#), [AAH94915](#)

RefSeq Size: 1592 bp

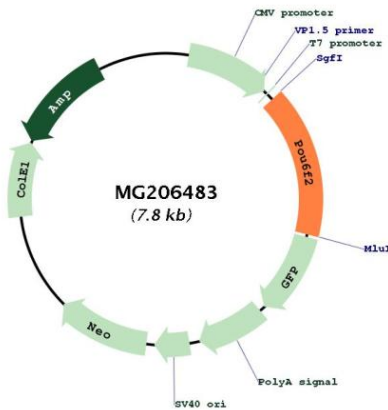
RefSeq ORF: 1238 bp

Locus ID: 218030

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]

Product images:



Circular map for MG206483