

Product datasheet for MR206483

Pou6f2 (BC094915) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pou6f2 (BC094915) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pou6f2
Synonyms:	D130006K24Rik; RPF-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR206483 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATAGCTGGACAAGTCAGTAAGCCCTTGCTGTGTCAGTGCAGGAGTGAAATGAATGCGGAGTTGAGAGGTG
AGGACAAGGCTGCTACTTCAGACAGCGAGCTGAATGAGCCCTGCTTGCGCCCGCGGAATCAAATGACAG
CGAGGACACTCCAGCAAGCTCTCGGGGCCAGAGGAAACACAGTCTTACCAGATCCAGGAACTCCTGAG
CAGCACCAGGTCTGTGACACCCATCCCACCTTTCCAGTTGGGCCACAGCCTCTTCTGACGGCACAGCAGT
TAGCCTCTGCTGTGGCCGGGTGATGCCGGGAGGCCCCAGCCCTCAATCAGCCAATCCTCATCCCTT
CAACATGGCGGGACAGCTAGGTGGTCAGCAAGGCCTGGTCTCACACTGCCACCCGGAACCTCACAAAC
ATCCAAGGGCTGGTAGCAGCAGCTGCAGCTGGAGGCATTATGACTCTGCCATTGCAAAATCTACAAGCTA
CCTCATCCCTGAACTCCCAGCTGCAACAGCTCCAGCAACTCCAGCTGCAACAGCAACAACAGCAGCAGCA
GCAACAACAGCAACAACAACAGCAGCAACAACAACCCACCTCCTCCACCAACCAGCCAGCACCACAGCCA
GCCTCACAGGCACCCCAAGTCCCAGCCACACCCGCTCACCAGCCACCACCTGCCTCACAGCAGTTGC
CGGCTCCCCAGCTCAGCTGCAGCAGGCTACTCAGCCTCAACAGCATCAACCTCACTCCCACCCAGAA
CCAGACCCAGAACCAGCCATCTCAACCCAGCAGAGCTCAAGCCCCCTCAGAAACCAGCCCATCTCCC
GGACATAGCCTTCCGTCACCGCTCACACCGACTAAACCTCTACAGTGGTTAATAATCCTTAGCAAGCC
AGGCCGCGCTGCTGCAGCAGCCATGGGCTCCATAGCAAGTTACAGGCCTTTGGCAATGCCCTCTCCAG
CCTTCAGGGGTACAGGTCAACTAGTTACTAATGCACAAGGACAGATTATTGGGACCATTCCACTGATG
CCTAACCCAGGGCCATCGAGTCAAGCAGCAAGTGGCACTCAGGGCCTTCAAGTACAGCCTATCACACCC
AGCTCCTAACCAATGCCAGGGCCAAATCATTGCCACCGTCATCGGAAACCAGATCTTGCCTGTGATCAA
CACCCAGGTATCACCTGTCCCCATCAAGCCAGGCCAGCAGCC

ACGGTACGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR206483 protein sequence
Red=Cloning site Green=Tags(s)

MIAGQVSKPLLSVRSEMNAELRGEDKAATSDSELNEPLLAPAESNDS EDTPSKLFARGNTVLPDPGTPE
 QHQVCQTHPTFPVGPQPLLTAQQLASAVAGVMPGGPPALNQPI LIPFNMAGQLGGQQGLVLTLPANTN
 IQGLVAAAAAGGIMTLPLQNLQATSSLNSQLQQLQQLQLQQQQQQQQQQQQQQQQQQPPPPPTSOHPQP
 ASQAPPQSQPTPPHQPPPASQQLPAPPAQLQATQPQQHQPHSHPNQNTQNPSPPTQSSSPPQKPSPP
 GHSLPSPLTPTKPLQLVNNPLASQAAAAAAMGSIASSQAFGNLSSLQGV TGQLVTNAQQQIIGTIPLM
 PNP GPSSQAASGTQGLQVQPI TPQLLTNAQQQIIATVIGNQILPVINTQGITLSPIKPGQQP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: BC094915

ORF Size: 1236 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

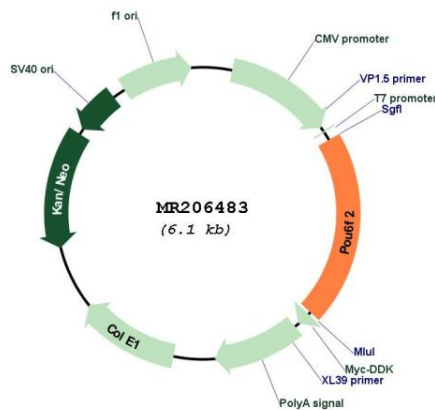
Locus ID: 218030

Cytogenetics: 13 A2

MW: 42.8 kDa

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 MR206483