

Product datasheet for **MR227016**

Pou3f1 (NM_011141) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pou3f1 (NM_011141) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pou3f1
Synonyms:	Oct-6; Oct6; Otf-6; Otf6; Scip; Test1; Tst-1; Tst1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR227016 representing NM_011141
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCACCACCGCGCAGTATCTGCCGCGGGGCCCGGCGGGAGCTGGGGGCACAGGGCCGCTCATGC
 ATCCCGATGCCGCGCGGCGGCGCAGCGGCGGCGAGCGGCTGCACGCGGGGGCCGCTACCGCGAAGT
 GCAGAAGCTGATGCACCACGAGTGGCTGGGCGCGGGCGCGGCCACCCCGTGGGCTAGCGCACCCCTCAA
 TGGCTACCCACGGGAGGAGGCGGCGGGCGACTGGGCGGGCGCCGCACCTGGAACACGGCAAGGCAG
 GCGGTGGCGGTACCGGCCGAGCTGACGACGGCGGCGGTGGCGGGGTTCCACGCCCGCCTGGTGCACCA
 AGGGGCGGCCACGCGGGCGGGCATGGGCACAAGGCGGCACAGCGCACCACTTGGGCCCGCCATGTGC
 CCGTCGCCCGGGCGGGGGTACCAGCCCCAGCCGCTCGGGCTGTACGCTCAGGCGGCTACCCCG
 GTGGCGGGCGGGCGGCTGGCCGGGATGCTGGCGGGGAGGCGGGCGGGACCCGGCCTGCACCA
 CGCACTGCACGAGGACGGCCACGAGGCACAGCTGGAGCCGTCGCCACCACCGCACCTGGGCGCACACGGA
 CACGCACACGGACATGCACACGCGGGCGGCTGCACGCGGGCGGGCGCACCTGCACCCGGGCGGGCG
 GTGGTGGCTCGTGGTGGCGAGCACTCGGACGAGGATGCTCCCAGCTCCGACGACCTGGAGCAGTTCGC
 CAAGCAGTTCAAGCAACGACGCATCAAGCTGGGCTTACCCAGGCCGACGTGGGACTGGCGCTGGGCACC
 CTCTACGGTAACGTGTTCTCGCAGACCACCATCTGCCGTTTCAGAGCCCTGCAGCTGAGCTTCAAGAACA
 TGTGCAAGCTCAAGCCGCTGCTCAACAAGTGGCTGGAGGAGACCGACTCGTCCAGCGGCAGCCCCACAA
 CCTGGACAAGATCGCGGCGCAGGGCCGCAAGCGCAAGAAGCGCACGTCCATCGAGGTGGGTGTCAAAGGC
 GCGCTCGAGAGCCACTTCTCAAGTGTCCCAAGCCGCTGCGCACGAGATCACCGCCTGGCCGACAGCC
 TGCAACTGGAGAAGGAGGTGGTGGCTGTCTGGTTCTGCAACCGGGCGCAGAAGGAGAAGCGCATGACCCC
 CGCGGCCGGCGGGCCACCCGCCCATGGACAGGTTTATGCGCCTGGGGAGCTGGGGCCTGGCGGGGGC
 AGCGCGTCGCCACCTTCTGCGCCCCGCCACCCCGCGGCCGCGCTGCACCACCACCACCACACACAC
 TGCCCGGCTCTGTGCAG

ACGCGTACGCGGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR227016 representing NM_011141
 Red=Cloning site Green=Tags(s)

MATTAQYLPRGPGGGAGGTGPLMHPDAAAAAAAAAERLHAGAAYREVQKLMHHEWLGAGAGHPVGLAHPQ
 WLPTGGGGGGDWAGGPHLEHGKAGGGGTGRADDGGGGGFHARLVHQAAHAGAAWAQGGTAHHLGPAMS
 PSPGAGGGHQPLGLYAQAAYPGGGGGLAGMLAAGGGGAGPGLHHLHEDGHEAQLEPSPPHLGAHG
 HAHGHAHAGGLHAAAHLHPGAGGGSSVGEHSDEDAPSSDLEQFAKQFKQRRIKLGFQTQADVGLALGT
 LYGNVFSQTTICRFEALQLSFKNMCKLKPLLKWLLEETDSSSGSPTNLDKIAAQGRKRKRKRTSIEVGK
 ALESHFLKCPKPSAHEITGLADSLQLEKEVVRVWFNRRQKEKRMTPAAGAGHPMDDVYAPGELGPGGG
 SASPPSAPPPPPAALHHHHHTLPGSVQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9041_f04.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:

ACCN: NM_011141

ORF Size: 1347 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: [NM_011141.2](#), [NP_035271.1](#)
RefSeq Size: 3013 bp

RefSeq ORF: 1350 bp

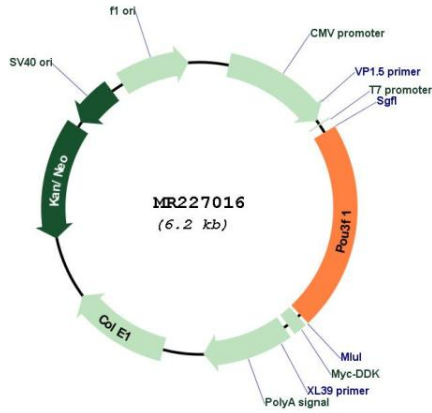
Locus ID: 18991

UniProt ID: [P21952](#)
Cytogenetics: 4 57.86 cM

MW: 45.8 kDa

Gene Summary: Transcription factor that binds to the octamer motif (5'-ATTGTCAT-3'). Thought to be involved in early embryogenesis and neurogenesis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR227016