

Product datasheet for **MC216971**

Pou3f3 (NM_008900) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pou3f3 (NM_008900) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pou3f3
Synonyms:	Brn-1; Brn1; HST011; Otf8; Skin1; urehr2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216971 representing NM_008900
 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCACGGCGGCTTCTAACCCCTACCTGCCGGGAACAGCCTGCTCACGGCCGGCTCCATTGTGCACT
 CGGACGCGGCCGGGGCGGGCGGGCGGAGGGGGCGGGCGGGCGGGCGGGCGGGGGCGGGGGCGGGCGG
 CGGCGGCATGCAGCCGGGAAGCGCCGCTGACCTCGGGCGCCTACCGGGGGACCCGTCCTCGGTCAAG
 ATGGTCCAGAGCGACTTCATGCAGGGGGCCATGGCCGCCAGCAACGGCGGCCATATGCTGAGCCACGCGC
 ACCAGTGGGTACCGCCCTGCCACGCTGCCGCCGCTGCCGCCGCTGCTGCCGCCGCTGCCGTGGAAGC
 CAGCTCACCGTGGTGGGCAGTGGGTGGGCATGGCCGGCAGCCCCAGCAGCCGCCACAGCCGCCGCC
 CCGCCGCTCAGGGCCCCGACGTGAAGGGAGCGCTGGACGCGAAGACCTGCACGCCGTACCGCGCTGC
 ATCACCGCGACCGCCACCTCGGGCCCCGCCGCCGCCCTACCAAGGACACCTGGGGGCTGGGG
 GGCCGACGCCGCCGCCGCTGCCGCCGAGCCGCCGCCGCTGCCGCTCACCTCCGTCATGGCGGGT
 GGCCAGCAGCCGCCGCCGAGAGTCTGCTGTACTCGCAGCCCGAGGCTTACCGTGAACGCATGCTGA
 GCGCGCCCCGGGGCCGGCGGTGGCGCGGTGGAGCGGGCGGTGGAGCCAGAGCCTGGTTACCCCGG
 GCTAGTGCGGGGACACGCCCGAGTTGGCGGAGCATCATCACCACCATCACCACACGCGCACCCGCAC
 CCGCCGACCCCGACACGCGCAGGGACCCCGCATCACGGCGGGCGGGCGGGGCCAGGGCTCAACA
 GCCACGACCTCACTCGGACGAGGACACGCCGAGTCTGACGACCTGGAGCAGTTCGTAAGCAGTTCAA
 ACAGCGGCGCATCAAGCTGGGTTTACCCAGGCGGACGTGGGGCTGGCTCTGGGTACGCTCTATGGCAAC
 GTGTTCTCGCAGACCACTATCTGCCGCTTCGAGGCCCTGCAGCTCAGTTTCAAGAATGTGCAAGCTCA
 AGCCGCTACTGAACAAGTGGCTGGAGGAGGCTGACTCGAGCACTGGCAGTCCCACCAGCATTGACAAGAT
 CGCAGCGCAGGGCCGCAAGCGCAAGAAGCGGACCTCCATCGAGGTTAGCGTCAAAGGCGCGCTGGAGAGC
 CACTTCTCAAGTGCCTAAACCCTCGGCGCAGAAATCACCAACTTGGCCGACAGCCTACAGCTGGAAA
 AGGAGGTCGTGCGGGTCTGGTTCTGCAACCAGCCAAAAGGAAAAACGCATGACGCCCCCTGGCATCCA
 GCAGCAGACCGCGGACGATGTCTACTCGCAGGTGGGTACCGTGAGCGCTGACACACCGCCACCGCACCA
 GGGCTTCAGACCAGCGTGCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1690_f02.zip

Restriction Sites: SgfI-MluI

ACCN: NM_008900

Insert Size: 1494 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_008900.2](#), [NP_032926.2](#)

RefSeq Size: 3080 bp

RefSeq ORF: 1494 bp

Locus ID: 18993

UniProt ID: [P31361](#)

Cytogenetics: 1 21.21 cM

Gene Summary: Transcription factor that acts synergistically with SOX11 and SOX4 (By similarity). Plays a role in neuronal development. Is implicated in an enhancer activity at the embryonic met-mesencephalic junction; the enhancer element contains the octamer motif (5'-ATTTGCAT-3'). [UniProtKB/Swiss-Prot Function]