

## Product datasheet for RN207719

### Pou2f3 (NM\_001105745) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pou2f3 (NM_001105745) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pou2f3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207719 representing NM_001105745 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGTGAATCTGGAGCCCATGCACACAGAGATCAAGATGAGTGGGGATGTCGCTGATCCACAGATGCC  
GCAGCACTTTGGTCAAGTGGAGTCAGGAAATGATCGAAATGGCCTAGATTTCAACAGACAGATTAAGAC  
AGAGGATCTGGGTGACACTTTGCAGCAGAGCCTCTCCACAGGCCATGCCACCTGAGCCAAGGGCCTACC  
ATGATGCCCTGAAACAAATGTCTGGGGACATGGCTTCTCTCCATCCACTTCAGCAGCTTGTGCTGGTCC  
CTGGCCACTTACAGTCTGTATCCAGTTTCTGCTTTCCAGACCCCTCCTGGGCAGCAAGGTCTGCAGCC  
GAATCTTCTCTCCTTTCCACAGCAACAGAGCACTCTACTCCTCCACAGACAGGACCTGGCCTCACCTCC  
CAGGCAGTTGGACGCCCTGGGCTGTCAGGATCCTCTTTAGAGCCCCACCTGGAAGCTTCTCAACATCTGC  
CAGGGCCAAGCATCTGCCTGGCCCCGGAGGGAATGACGAACCCACTGACCTGGAGGAGCTGGAGAAGTT  
CGCCAAGACCTTCAAGCAGAGGGCGATAAAGCTAGGCTTACACAGGGGGATGTGGGATTGGCGATGGGA  
AAGCTGTATGGTAACGACTTCAGCCAGACTACCATCTCGAGATTTGAGGCCCTCAACCTGAGTTTCAAGA  
ACATGTGTAACCTCAAGCCACTGCTGGAGAAGTGGCTGAATGATGCAGAGTCTCCCCGTCAGACCCCTC  
AGCAAGCACTCCAGCTCGTACCCCACTCTCAGCGAAGTATTTGGCAGGAAGAGGAAGAAACGGACCAGC  
ATCGAGACCAACATCCGCCTGACTTTGGAGAAGCGATTTCAAGATAACCCAAACCCAGCTCGGAAGAGA  
TTTCCATGATTGCGGAGCAGTTGTCCATGGAGAAGGAAGTGGTAAGAGTCTGGTTCTGCAATCGACGCCA  
AAAGGAGAAGAGAATCAACTGCCCTGTGGCCACACCTGTCAAGCCGCCCATCTACAACCTCCCGGCTGGTC  
TCTCCCTCAGGGTCTCTGGGCTCCCTCTCAGTCCCTCCTGTCCACAGCACCATGCCTGGAACAGTAAAGT  
CATCCTGTTCCCTGGGAACAACAGCAGGCCCTCGTCTCCCGGCTCAGGACTCCATGCCAGCAGCCCCAC  
GGCATCTCAAATAACTCAAAGCAGCAATGAACCCCTCCTCCGCCGCTTTAACTCCTCAGGGTTCATGG  
TACCGTTGGAACCATCCCGCTACCTCCACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001105745
<b>Insert Size:</b>	1293 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001105745.1</a></u> , <u><a href="#">NP_001099215.1</a></u>
<b>RefSeq Size:</b>	2407 bp
<b>RefSeq ORF:</b>	1293 bp
<b>Locus ID:</b>	116544
<b>Cytogenetics:</b>	8q22
<b>Gene Summary:</b>	may play a role in epidermal development; variant Skn-1i inhibits Oct1 transactivation; variant Skn1a activates cytoke­ratin 10 (K10) gene expression [RGD, Feb 2006]