

Product datasheet for RN201441

Six3 (NM_023990) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Six3 (NM_023990) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Six3
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN201441 representing NM_023990
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTATTCGGCTCCCCCTAGACCTCTATTCTCCCACTTCTTGTGGCAAACCTCGCCGATTCTCACC
 ACTGCTCCCTACTTCTGGCGAGTAGCGGCGGGGAGCGGTGCGGGCGGGCGGGCGGGGAGGAGG
 CGGCGGGCGGGCGGGGGAACCGTGCGGGAGGCGGGTGTGGCGGAGCAGGCGGGCGGGCGGGCGG
 GCGGGCGGGCTCCAGGGCCCCCGGAAGATTGTCCATGTTCCAGCTGCCACCCCTCAACTTCTCGC
 CGGAGCAGGTGGCCAGCGTCTGCGAGACGCTGGAGGAGACGGGCGACATCGAGCGGTGGCCGCTTCT
 CTGGTCTGCTGCCCGTGGCCCTGGGGCGTGCAGGCCATCAACAACACGAGTCGATCCTGCGCGCGCGC
 GCCGTCGTCGCCTTCCACACCGCAACTCCGAGACCTGTACCACATCCTGGAGAATCACAAAGTTCACCA
 AGGAGTCTCACGGCAAGCTGCAGGCCATGTGGCTCGAGGCGCACTACCAGGAGGCCGAGAAGCTGCGCGG
 CCGCCCTCTCGGCCCGTGGACAAGTACCGCGTGCGAAGAAGTTCCTCTGCCGCGCACCATCTGGGAT
 GGGGAGCAGAAGACCCATTGCTTCAAGGAGCGGACTCGGAGCCTGCTGCGGGAATGGTACCTGCAGGATC
 CCTACCCCAACCCAGCAAGAAACGAGAAGTGGCGCAGGCCACCGCCTCACCCACACAAGTAGGCAA
 CTGGTTTAAGAACCAGGACAGCGGACCGCGCAGCGGGCCAGAAGAGGCTCCAGCACCAGGCCATC
 GGGCCGAGCGGGATGCGCTCGCTGGCCGAGCCCGCTGCCACGCACGGCTCAGCAGAGTACCGTCCA
 CGGCAGCCAGTCCGACCACAGTGTGTCCAGCCTGACGGAGCGCGGACACTGGCACTTCTATCTCTC
 GGTAACCTCCAGCGACTCGGAATGTGATGATGA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
 ACCN: NM_023990



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|-------------------------------|---|
| Insert Size: | 1014 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: | <ol style="list-style-type: none">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: | <u>NM_023990.1</u> , <u>NP_076480.1</u> |
| RefSeq Size: | 1598 bp |
| RefSeq ORF: | 1014 bp |
| Locus ID: | 78974 |
| Cytogenetics: | 6q12 |
| Gene Summary: | a homeobox protein that interacts with orphan nuclear receptor NOR-1 [RGD, Feb 2006] |