

Product datasheet for RN216361

Olig2 (NM_001100557) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Olig2 (NM_001100557) Rat Untagged Clone
Tag: Tag Free
Symbol: Olig2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216361 representing NM_001100557
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACTCGGACGCCAGCCTGGTGTCTAGTCGCCCGTCGTCGCCAGAACCCGATGATCTTTTTCTGCCGG
CCCGGAGCAAGGGGGAAGCAGCAGCGGCTTACAGGAGGAACCGTGTCTCATCCACGCCGAGCGACTG
CCCGCCAGAGCTGAGCTCCGAGCTGCGAGGAGCCATGGGCACGGCGGGCGGCATCCCGGGACAAACTG
GGCGGGCGGTGGCTTCAAGTCATCTTCTCCAGCACCTCCTCGTCCACGTGTCGGCGGCCACGTCTCCA
CCAAGAAAGATAAGAAGCAGATGACTGAGCCCGAGCTGCAGCAGCTGCGCCTGAAGATCAACAGCCGCGA
GCGCAAGCGCATGCACGACCTCAACATCGCCATGGACGGCCTGAGGGAGGTATGCCGTACGCGCACGGC
CCGTGGTGCGCAAGCTCTCAAGATCGCCACGCTGCTGCTGGCGGAAACTACATCCTGATGCTACCA
ACTCGTGGAGGAGATGAAGAGACTGGTGGAGGAGATTTACGGGGTACCACGCCGGCTTCCACCCGTC
GGCCTGTGGCGGGCTGGCACACTCGACGCTTACCCACCGCCACGGCGCACCTGCAGCCGCCGCGCAC
GCCGCGCACACCAGCGGGTGCATACCCCATCCTCCCTCCAGCAGCCGGCGCCGAGCCGCCGAGCCG
CTGCCGACGGGTGCCAGCGCTTCTCTGCGGGCTCCGGGTGTCTCGGTGGATCCATCCGGCTCC
TCACGGCTGCTCAAGTCTCCATCGGCAGCCGCGCCGCCCTCTCGAGGCGGGGGTGGAGGCAGCGGT
GGCAGCGGTGGCTTCCAGCACTGGGGTGGCATGCCGTGCCCTGCAGCATGTGCCAGGTGCCGCCGCCAC
ACCACCAGTGTGGCTATGGGCGCCGGCACCTTGCCGCGCTCACCTCCGACGCCAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001100557
Insert Size: 972 bp



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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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001100557.1</u> , <u>NP_001094027.1</u>
RefSeq Size:	2650 bp
RefSeq ORF:	972 bp
Locus ID:	304103
Cytogenetics:	11q11