

Product datasheet for **RN206550**

Otop3 (NM_001105852) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Otop3 (NM_001105852) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Otop3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206550 representing NM_001105852
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGCTTCGACAGCTTCAGAAGCAGAGACCACTGAGGCAGCATCTACCTATGACCAAGCAAACATGGACG
 TGGAGACCAAGCACACAGGGCCCCAGGCGCCCCAAAGCAGAAGTCCTGGCTGGCTCTGCATTTCTCCCT
 GCTGCTGCGGAGAGACCGCAAGCCAGAGCGGGGAGCTCTTCTCGGGGCTCCTGGCTCTCAATGTG
 GTATTCCTGGGCGGGCTTTTATCTGCAGCATGATCTTCAACAAGGTGGCTGTCACTCTGGGGGACGTGT
 GGATCCTGCTGGCCGACTGAAGGTCTCTCTCTGTTGTGGCTCCTCTACTACACCGTGGGTACACACG
 GAAGCCCCACGCAGTGTGTACCGCATCTCACGCGGGACCGTTTGGGTGAGGGGCTCCCTGGTGCTC
 TTCGGCAGCTGTACCGTCTGCCTGAATGTATTTTCGGATGGGTACGACGTGAGCCACATTCAGTCAAGT
 CAGAAGTGGAGCTTATCTTTCCAGCCATTGAGATCGTCTTTATGATCATCCAGACCTGGGTGCTCTGGAA
 AACTGTAAGGACTGTGTTTCAGGTGCAGACCAACTTACCAGGTGTGGGCTCATGCTGACGCTGGCCACA
 AACCTGCTGATGTGGGTTTTGGCTGTGACCAATGACTCCATGCATCGTGAGATTGAGGCTGAGCTCGATG
 CCCTCATGGAAAAGTTCTCAGGTAACGGGACCAACACTTGCATGTGCCTCAACGCCACCGTGTGCGAGGT
 CTTCCGGAAGGGCTTCTGATGCTCTACCTTTTCAGCACTGAGTACTGCCTCATCTGCTGTGCTGTGCTC
 TTCGTCATGTGGAAGAAGCTGGGCGCAGCCTGGCAGCCCACTCAGGTGCCCATCCCAACAGACCACCT
 TCCGCCTGCACGGGGCCATCTTTGGGCCACTGCTGGGCCCTTTGGCACTGGTGGCTGGGGTATGCGTCTT
 TGTGCTCTTCCAGATCGAAGCGAGTGGCCCTGACATAGCCCGCCAGTACTTACCCTGTACTATGCATT
 TATGTGGCTGTGCTGCCACCATGAGCCTGGCGTGCCTGGCGGGCACAGCCATCCATGGACTGGAGGAGC
 GTGAAGTGGACACGCTCAAAAACCCACACGACGCTGGATGTGGTGTGCTGATGGGCGCTGCATGGG
 CCAGATGGGCATTGCCTACTTCTCCATCGTGGCTATCGTGGCCACCCAGCCACATCAGTACTCAACCAG
 CTCATCTGGCCTACTACTGCTGCTTATCCTGCAGCACATCACTCAGAATCTTTCATCATCGAGGGCC
 TGCACCGCCGCTCTCTGGGAGCCTGTGATCTCTGGTGTGCCGAGAAGCAGGATATTGAGCTACCCCG
 CAGAGGCTCCCTGCGGGAGCTGGGTGAGGACCTACGGAGAGCCTCAAGGGCCTACATCCACTCCTTCAGC
 CACCTCAACTGGAACGCAGGATGCTCAAGGAGATCTCTCTTCTCTCATCCTCTGCAATATCACACTGT
 GGATGATGCCTGCCTTTGGCATAACCCAGAGTTTGAGAATGGACTGGAAAAGGATTTTTATGGCTACAG
 GACCTGGTTACCATTTGTAACCTCGGCCTGCCTCTGGGGGTCTTCTACCGCATGCACTCTGTTGGGGGA
 CTCGTGGAGGTCTACCTGGGGGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001105852

Insert Size: 1707 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_001105852.1](#), [NP_001099322.1](#)

RefSeq Size: 2301 bp

RefSeq ORF: 1707 bp

Locus ID: 287821

Cytogenetics: 10q32.1