

Product datasheet for **RN207185**

Otop2 (NM_001105851) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Otop2 (NM_001105851) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Otop2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN207185 representing NM_001105851
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGAAGAACTGGTCCCGCATCCCAATGAGAGCCTGCCGGGGCCTCGAGCCAGCCCCGTGAGGTGT
 GGAAAAAGGGCGCCGCTGCTGTCGGTGCTGTTGGCGGTCAACGTGCTGCTGCTCGCCTGCACGCTCAT
 CAGCGGGCGGGCCTTCAACAAGGTGGCTGTGTATGACACCGACGTGTTCCGCTGCTCACCACCATGATG
 CTGCTGGCAGCGCTGTGGATAATCTTCTACCTCCTCCGACCGCGCGCTCTCCAGACGGGTGCCTTACC
 GGGATGCTCATGTGGCCCATCTGGCTCCGAGGTGGGCTGGTGTGTTGGGATTTGCACCTTGTCTAT
 GGATGTCTTCAAGACTGGCTACTACTCCAGTTTCTTTGAGTGCCAGTCGGCCATCAAGATCTGCACCCC
 ATCACCAGCGGTGTTTGTCTTGTCCAGACTACTTTCTCTGGATCTCGGCTAAAGACTGTATCCACA
 CTCACCTGGACCTGACACGGTGGGGCTCATGTTACCCCTCGCCACCAACCTAGCCATCTGGATGACAGC
 CGTAGTGGATGAGTCCGTGCACCGGCCACTCCTTCAGTGGCTTCCATGGCAACACCGCCACACCCGC
 CTCACCCCTGACTCAGAGCGTGCCGGTGGCACCCTGAAGGAGACCCGTGCCCTGCAGCAGGCCATCT
 GTCAGATCTTCCAGCAAGTTACTTCTACTTGTATCCCTTCAACATTGAGTACAGCCTCTTTGCTCCAC
 CATGCTGTACGTCATGTGGAAGAACGTAGGAAGGCTGCTGGCCTCCGCCACGGCCATGGCCACACACCA
 TCCAGGGTCAGCCTTTTCCGGGAGACCTTTTTGCTGGCCCCGTCTTGGGCTGCTCCTCTTTGTGGTGG
 GATTGGCTGTCTTCATCTCTATGAGGTCCAGGTGAGTGGAGAGAGAGGCCACACCCAGCAGGCCCTGGT
 CATCTATTACAGCTTTAATATTGTCTGTCTGGGCTCATGACTCTGGTCAGCCTGAGTGGTTCAGTCATC
 TACCGTTTTGACCGTCGGGCCATGGACCATCATAAGAACCAACACGGACCCTGGATGTGGCCCTGCTGA
 TGGGCGCCGCCCTGGGCCAGTATGCCATCTCTACTACTCTATCGTGGCTGTGGTGGTGGGCTCACCCAG
 AGACCTGCTGGGGCACTCAACCTGTCCCAGCTCTACTCATGATTGCCAGCACACCTTCCAGAAGCGTC
 TTCATCATCGAGAGCCTCCATCGGGGACCTCCTGGGGCTGAGCCTCGTGAACGCCCCGGAAGGAGCTCT
 ACCAAGGCATCACCTTTGCCAACCTGAGTGCTATCCACACCTTGCTTCTGCCACCCACTCCCAGGCT
 TGTGAGTCCCAACCCAGAAGGCCCTCAGGAAGCGGTGGCTATCGTCTCAGCCCCAGGTGCCACTGGCGA
 CGTCGGTGCCTGAAAGACATCTCTGTTTCTCCTGCTTTGTAATGTCATCCTGTGGATCATGCCTGCCT
 TCGGCGCCCGCCGCACTTCAGCAATACCGTGGAGGTGGACTTTTATGGTTACTCCCTCTGGGCGGCCAT
 CGTCAACATCTGCCTGCCTTTTCGGCATCTCTACAGAATGCACGCGGTCTCCAGTCTGCTGGAGGTCTAC
 GTGCTGTCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001105851

Insert Size: 1692 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_001105851.1, NP_001099321.1

RefSeq Size: 2100 bp

RefSeq ORF: 1692 bp

Locus ID: 287820

Cytogenetics: 10q32.1