

Product datasheet for **RN208752**

Myot (NM_001106148) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Myot (NM_001106148) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Myot
Synonyms:	Ttid
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208752 representing NM_001106148
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTTTAACTACGAACGTCCAAAACACTTCATCCAGTCCCAAAATCCATGTGGCTCCGGGTGCAGCCTC
 CAGGACCTGAAGTCTCCAGCTTCCCTAACCAGACCAAAACAGTCTTCCATCGTCATCCAGCCTCGCCAATG
 CACCGAGCAGAGATTTTCTGCTTCTCCACAGTGAGCTCTCACATCACCGTGTCTTCTCTGCTTATCCT
 GCTTCCCAGCAGCTGGCTGGCCCCAACCCGGTCAGAAGTTACTGCTACCTATAACCAAGTCCCCAGCCA
 GCTTCTCAGTCTATATTACCGTCTCAGCCTGATTACAGTAACAGTAAAATCCCATCCACTGTGGACTC
 CAACTATCAACAATCCTCAGTTCACCAACCTGTAAATGCCGTGTCATCCCAAGCTGCAGGTGCTAAGCCC
 ACTCAAGGACTCCTGACCAGAAATCCAAGGATCAAAGAAGCATTGATTCAAGATTTGGAAAGAAAGC
 TGAAATGCAAAGACACCCTTCTTCATAATGAAACCAAGACTGACCTATGAGGAGAAGATGGCTCGCAG
 GTTGTTAGGACCGCAGAATGCTGCTGTGTTTCAAGCTCAAAACAGTGACGTCCAAGATTCGTCACAG
 CATAACCCAGAACATGCACGGCTGCAAGTTCACATCACAAGTAAGAAGTAGATCGTCTCCAGAGCAG
 ACGCAATGACCAGGATGCCATCCAGGAGAAGTTTACCCACCACGCTTCATTCAAGTGCCAGAAAATAT
 GTCCATCGAAGAAGGAAGATTCTGCAGAATGGACTTTAAAGTGAGTGGACTGCCAGCCCCCTGATGTGTCA
 TGGTATCTAAACGGGAGACTGGTGCAATCAGATGAGTTGCACAAAATGATAGTGTGAGGAGAGGTTTCC
 ACTCCCTCATCTTTGAAGTGGTCAGAGCATCAGATGCAGGGCCATATGCATGTGTAGCCAGAAACAGAGC
 TGGAGAAGCCACCTTCACAGTGCAGCTGGATGTTCTGGCAAAAGAGCACAAAAGAGCACCAGTGTATC
 TACAAACCACAGAGCAAAAAGGTTTTTGAGGGAGAATCAGTGAAGTTAGAGTGCCAGATCTCAGCTATCC
 CTCCACCAAGCTTTTCTGGAAGAAACAACGAAATGGTTCAGTTCAACACTGACCGGATAAGCTTATA
 TCATGATAATGCTGGAAGAGTAACCTTTACTGATAAAAGATGTAAACAAGAAGGATGCTGGGTGGTATACA
 GTGTCAGCAGTCAATGAAGCTGGCGTGACCACGTGAACACAAGATTAGATGTCACAGCCCGTCCAAACC
 AAACCTCCCCAGCTCCTAAGCAACTGCGTGTTCGACCAACTTTTACGAAATATTTAGCCCTAAATGGGAA
 AGGTTTGGATGTGAAACAAGCTTTCAACCTGAAGGAGAGTTTCAGCGTCTGGCAGCTCAATCCGGACTC
 TATGAAAGTGAAGAACT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106148

Insert Size: 1491 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_001106148.1, NP_001099618.1

RefSeq Size: 2206 bp

RefSeq ORF: 1491 bp

Locus ID: 291605

Cytogenetics: 18p11