

Product datasheet for RN207190

Tor2a (NM_001007744) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Tor2a (NM_001007744) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Tor2a
 Synonyms: MGC93778
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN207190 representing NM_001007744
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGTGGCTAGGCACGGCTGCCCGCCTGGGGCTCGATCCTCGGGCTGCTCGTGTGGCCTTGCTG
 CCGCCCGCCCTGGGACGTGTCTTTCTGCGATGCAGTTAGGGTCTTCTGCGAATGTGACTTCTGGCC
 CGACTTGCTGGTCTGGAATGTGACCTGGCTCGACACCTAGCTGGCCAGCATTGGCCAAGGCCCTGGT
 GTGAAGTCATTGAAGGCCTTTGTACAGGACCCAGCCCCAGCAAGCCATTGGTCCTTCCCTGCACGGCT
 GGACAGGCACTGGGAAGTCCATGTGAGCTCCCTGCTGGCGCAGTATCTTCCGGGGTGGCCTTCGCAG
 CCCTCATGTCCATCACTTCTCTCTATCATCCACTTCCCACATCCCAGCCACACTGAGCAGTACAAGAAT
 GAGCTCAAGAGCTGGGTCCAGGGGAACCTCACTGCCTGTGGCCGGTCTCTTTTCTCTTCGATGAGATGG
 ACAAGTGCCTCCCTGGCCTGATGGAAGTCCCTGAAGCCCTTCTGGGCCCTTCTGGGTTGTATGGGAC
 CAACTATCGCAAAGCCATTTTCATCTTTATCAGCAATACTGGAGGTGAGCAGATCAACCAGGTGGCCCTG
 GAGGCATGGCGCAGCCGTAGGGACAGGAAGAAATCAGCCTACAGGAGGTGGAGCCAGCAGTGTCCCAAG
 CTGTGTTGGACAACCCTACCATGGCTTCTGGCGGTCTGGCATCATGGAGGAGCAGCTGCTGGATGCTGT
 GGTCCCTTCTCCCTCCAGCGCATCATGTGCGCCACTGTGTGCTCAATGAGCTGGCTCAGCTGGGT
 TTGGAGCCCCGAGAGGAGGTGGTTCAGGCTGTGCTGGACAGTACCACCTACTTCCCTGAGGAGGAGCAGC
 TCTTCTCTCCAATGGCTGCAAGACAGTGGCATCCCGAATCACATTTTCTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001007744
 Insert Size: 966 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).
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_001007744.1</u> , <u>NP_001007745.1</u>
RefSeq Size:	1524 bp
RefSeq ORF:	966 bp
Locus ID:	362112
UniProt ID:	<u>Q6AYR4</u>
Cytogenetics:	3p11