

## Product datasheet for MR204635

### Tor2a (NM\_152800) Mouse Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Tor2a (NM\_152800) Mouse Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Tor2a  
 Synonyms: Prosalusin  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 ORF Nucleotide Sequence: >MR204635 representing NM\_152800  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGGTGGCGAGGCACGGCTACCGCCCTGGGGCTCGATCCTCGGGCTGCTCGGGCTGGCCTTGGCTG  
 CCGCCCGCCTGGGACGTGGCTTCTCTGCGCTGCACCTTCGGCTCGTTCTGCGAATGCGACTTCTGGCC  
 CGACTTGGCGGGTCTGGAATGTGACCTGGCTCAACACCTGGCTGGCCAGCATTGGCCAAGGCCCTGGT  
 GTGAAGTCACTGAAGGCCTTTGTACAGGACCCAGCCCCAGCAAGCCGTTGGTCTTTCCCTGCACGGCT  
 GGACAGGCACCGGAAGTCTACGTTAGCTCCCTGCTGGCACAGCATCTTCCGGGATGGCCTTCGCAG  
 CCCTCAGTCCATCACTTCTCCCTATCATCCATTTCCACATCCAGCCGCACTGAGCAGTACAAGAAG  
 GAGCTCAAGAGCTGGGTTCAAGGGAACCTCACTGCCTGTGGCCGATCCCTTTTCTCTTCGATGAGATGG  
 ACAAGTGCCTCCTGGCCTGATGGAAGTCTGCAGCCCTTCTGGGCCCTTCTGGGTTGTGATGGGAC  
 CAACTATCGCAAAGCCATCTTCACTTTATCAGCAATGCTGGTGGTGGAGCAGATCAACCAGGTGGCCTTG  
 GAGGCCTGGCGCAGCCACAGGGACAGGGAAGAAATCAGCCTACAGGAGGTGGAGCCAGTAATCTCCCGAG  
 CTGTGATGGACAACCCTCAACATGGCTTCTGGCGGTCTGGCATCATGGAGGAGCACCTGCTGGACGCTGT  
 GGTGCCCTTCTCCCGCTCCAGCGGCATCAGTGCGCCACTGCGTACTCAATGAGCTGGCTCAGTTGGCC  
 CTGGAGCCAGCGAGGAGGTGGTTCAGGCGGTGCTGGACAGCACCACTACTTCCCTGAGGTAGAACAGC  
 TCTTCTCTCCAATGGCTGCAAGACAGTGGCCCTCCCGACTCACATTTTCTCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: [https://cdn.origene.com/chromatograms/mm9076\\_f05.zip](https://cdn.origene.com/chromatograms/mm9076_f05.zip)

Restriction Sites: SgfI-MluI



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**Cloning Scheme:**


**ACCN:** NM\_152800

**ORF Size:** 963 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_152800.3](#), [NP\\_690013.1](#)

**RefSeq Size:** 1550 bp

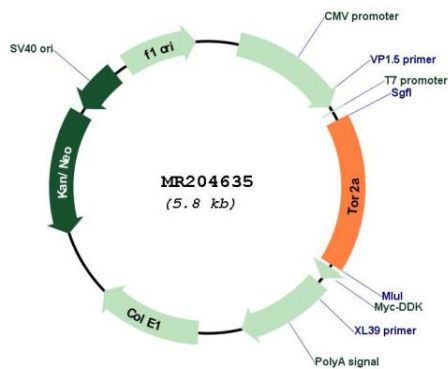
**RefSeq ORF:** 966 bp

**Locus ID:** 30933

**UniProt ID:** [Q8R1J9](#)

Cytogenetics: 2 B  
 MW: 36.3 kDa

**Product images:**



Circular map for MR204635