

Product datasheet for **RN207881**

Toe1 (NM_001106680) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Toe1 (NM_001106680) Rat Untagged Clone
Tag: Tag Free
Symbol: Toe1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207881 representing NM_001106680
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGGCGACAGTGACGATGGTGTGCCTTCAGTTCACACGCCCTCTGACGGTGGTGTCAACAGAACCA
CACAATCTGCAGAGGAGTTGTAGTTCGGGTTCCCGTGGTAGATGTGCAGAGTGACAACCTCAAGGAGAT
ATGGCCATCACTTTGCTAGCCTTAAAGACAGCTAGCTTTGTGGCGGTGGACACGGAGCTGAGTGGCCTT
GGGGATAGGAAGAGTTTGTCTGAACCAAGTGCATCGAGGAACGTTATAAGGCCGTGTGTCTGCTGCCAGGA
CCCCTTCTGTCCCTGTCCTGGCCCTCGCCTGCTTCAAGCAGCAACCAGATAAGGGTGACAGTTCTTACTT
GGCTCAAGTGTTCACCTCACTACTGTGCATGGAGGAGTATGTTATAGAACCAGGAGTACAGTTC
CTGGTACAGCATGGCTTCAACTCAACCGGAGTATGCTCAGGGGATCCCTACCATAAAGGCAATGACA
AGGGAGATGAAAGCCAGAGCCAGTCAAGTACGGACACTGTTCCCTTGAACAAATTCGAGCCCGGCCGCT
GGTGTGCACAATGGCTTATAGACTTGGTGTTCCTGTACCAGAAATTTCTACGCTCACTTGCCTGAGAAC
TTGGGAACCTTCACTGCTGACCTGTGTGAGATGTTCCCGGAGGATTTATGACACCAAATATGCTGCAG
AGTTCACGCTCGATTTGTGGCTTCTACTTAGAATACGCTTTCCGGAAATGTGAGCGCGAAAATGGGAA
GCAGCGGGCAGCTGGCAGCCACATGTTGCCCTGGAAATTCGAGCTATCCTTCTAGCATGAGAGGCCAC
ATTGACTACCGCTGCTGTATGTCCCTGTGAGCTGCCGTATTCTCATACCACTGGCATCTGTGACAAGT
TCTCGGCCTATGGCTGGTGCCTCTAGGACCACAGTGTCTCAGTACACGATATTGACCTTATAATTGA
CACGGATGAGGCTGTGGCAGAGGACAAGCGGAGACGGCGGACGTAAGGACAAACGGAAGAGGGCTTTG
CAGAGTCAACCAGAGACACAGACCTTGGAGGAAGCTGAAGATGGTCTCCACAAAGCAGGTCTGTGAAG
ATAGCCTCAAGACTGAGAAAATTGAACAAAAGTGGCAGAAGAGGCTGGGTACAAGGG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001106680



Insert Size:	1182 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:	<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_001106680.1</u> , <u>NP_001100150.1</u>
RefSeq Size:	1436 bp
RefSeq ORF:	1182 bp
Locus ID:	298443
Cytogenetics:	5q35