

## Product datasheet for **RN215037**

### **Tsga10 (NM\_001030022) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tsga10 (NM_001030022) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tsga10
Synonyms:	MGC116360
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN215037 representing NM\_001030022  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGATGAGAAATAGATCTAAGAGTCCAAGACGCCCATCACCAACTTCTCGGGCCGCCAACTGTGATGTAG  
 ACCTTCTGAAGTCAACTGCAAGAGACCGTGAAGAGCTCAAGTGTATGCTGGAAAAATATGAACGCCATTT  
 GGCAGAAATCCAGGGTAATGTCAAGTTCTCACATCTGTGAGAGACAAGACCTTCTCCTTTATGAGCAG  
 GCACAGGAAGAAATTGCTCGACTTCGACGAGAAATGATGAAAAGCTGCCAGTCTCCTAAATCAACTACAG  
 CACATGCTATTCTCGCCGCGTCGAGACGGAAAGAGATGTCGCCTTCACTGATTTACGAAGAATGACCAC  
 CGCGCGAGATAGTCTGAGGAAAGGCTCAAGATTGCTCAAGCATTCAACGAGAAGGCTCACTTGGAAACAG  
 CGGATAGAGGAGTGGAGTGCACAGTTCACAACCTGGATGATGAGCGCATGGAACAGATGTCAAACATGA  
 CTTTGATGAAGGAAACCATAACCATTGTGAAAAAGAAATGAAATCCTTAGCAAGAAAGGCAATGGACAC  
 CGAGAGTGAGCTTGGCAGACAGAAAGCAGAGAATAATTCTTTGAGACTTTTATATGAAAAACAGAAAAA  
 GATCTTTCTGATACTCAGCGACATCTTGCTAAGAAAAATATGAACTACAGCTTACTCAGGAGAAAAATTA  
 TGTGCTTGGATGAAAAATTGATAATTTACGAGGCAAAATATTGCACAGCGAGAAGAAATCAGCATCCT  
 TGGTGCAACCCTCAATGACCTGGCTAAAGAGAAGGAGTGCCTGCAACATGTTTGGATAAAAAAGTCTGAG  
 AACATTGCATCCCTTGGAGAGAGTTGGCAATGAAAGAAAAGACCATTTCAAGGATGAAGAATATCATTG  
 CTGAGATGGAACAGGCATCAAGACAGTCTACGGAAGCCCTAATTATGTGCGAACAAGATATTTCCAGAA  
 GCGCCGCGCAGCTGGATGAAACGAATGACGAGCTGGGGCAGATCGCCAGGGAGAGAGATATCTTGGCTCAT  
 GAGAATGACAATCTTCAAGAACAGTTTGCCAAAGTCAAACAAGAAAACCAGGCGCTGTCCAAAACTGA  
 ATGACACTCATAATGAGCTTAGCGACATAAAGCAGAAGGTCCAGGACACGAACCTGGAGGTTAACAAAGT  
 GAAGAACATATTAAGTCTGAGGAATCTACGAACCTGGAGGTTAACAAAGCTGAAGAACATATTAAGTCT  
 GAGGAATCTGAGAACCGCAAAATGGAACAACCTCCGAAAAGCCAACGAAGATGCTGAAAACTGGGAAA  
 ATAAGGCCCGCAACTAGAGGCAGAAAACAACACTCAAAGTGGAGCTTATCACCGCGAAGCCGAGGG  
 CAACAGACTGAAGGAAAAAGTCGATGCCCTAACAGAGAAGTTGAGCAACACTTAAACGCAGAGCGCTCT  
 TACAAATCCCAGATTGCAACTTTACACAAGTCTCTTGTGAAGATGGAGGAGGAGCTTCAAGAGTTTCAGT  
 TTGAAAAGGTGTCTGCGCTCGCAGATTTGTCTTCCACAAGGGAACCTGCAATTAAGTCAAGCA  
 AGAAGTCTTAAACCGACAGCTGGTTGCCAAAGATCAGGAAATAGAGATGATGGAGAACGAGCTGGATTCA  
 GCACGCTCTGAAATAGAAGTCTCCGAGTCAGATGACAAACGAGAGGATCTCCATGCAGAACTTGGAGG  
 CCTGTGCTGGTGGCAACCGAGACAAAGAGTACCAAGTCTCAGATAGCTCTGCAAGGAGAAGGAGTCTGAGAT  
 CCAGCTGCTGAAGGAGCACCTCTGCCTGGCCGAGAACAAAATGGCCATCCAGAGTAGAGATGTGGCACAG  
 TTCAGAAACGTTGTAACACAGTTAGAAGCAGATTTGGACATTACAAAAAGACAACCTAGGGACAGAACGAT  
 TTGAAAGGGAAGGGCTGTCCAAGAAGTTCGCCGCGAGAATTACTCAAGCAATGCTTATCATTGGGTTCC  
 AATGAAGCCAAATACAAAGTGTCACTCACCAGAGCGAGCTCACCATCGATCTCCTGACCGAGACCTCGAC  
 CGATCATTGGAAGAGAATCTTTGCTATAGAGATTT**CGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001030022  
**Insert Size:** 2139 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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001030022.1</a></u> , <u><a href="#">NP_001025193.1</a></u>
<b>RefSeq Size:</b>	3030 bp
<b>RefSeq ORF:</b>	2139 bp
<b>Locus ID:</b>	252923
<b>UniProt ID:</b>	<u><a href="#">Q9Z220</a></u>
<b>Cytogenetics:</b>	9q21
<b>Gene Summary:</b>	mouse homolog may play a role in the sperm tail fibrous sheath in mature spermatozoa [RGD, Feb 2006]