

## Product datasheet for **RN202234**

### Ism1 (NM\_001134552) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ism1 (NM_001134552) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ism1
Synonyms:	RGD1562551
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN202234 representing NM\_001134552  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTGCCTGGCCGCGGAAGTCTCCTGCTGCTGGGGCTGCTGCTGCTCACTCTGCACATCACCGTTC  
 TGC CGGATCCGAGCCGCCGACCGGCAGGACGCGGCCGCGCAGCAACGTCAGCGGTCCCAGCTGCAGAA  
 TAACCTCAACCTGGAGAGTGACTCCACATCAGAAACCAGCTTTCTCTGTCCAAAGAAGCCCCAGAGGAG  
 CACCAGTTGTCCACCAACCTTCCCCAGACAACGATTCCCTCAGGAGACTGGGCATCCTTCACTGCAAA  
 GAGACGGCCCCAGATCCTTCTCCTTGACCTACCAAATTTCCAGATCTTCCAAAGCTGATATCAATGG  
 GCAGAATCCAAATATTCAGGTCACCATAGAGTGGTTGATGGCCCTGACTCTGAAGCAGAAAAAGATCAG  
 CATCCAGAGAACAACCCAGCTGGTCACTCCAGCTCCGACTGGCGGGCCTGGTGGCAGAGGTCTTGT  
 CCTTGGCCAGGACAAACAGTGGGACCAGGATGACAAGTATGACAGTACCTCAGATGACAGCAACTTCT  
 CAGTGTTCTAGAGGATGGGACCGTCCAGCCCCAGGACACCGACTTTTGAACCAAAGAGCAGCCAGAG  
 TATGATCCACAGACGGTGGGGTATTGGAGTCTCTGGTCTGTCTGCAGCGTCACTGTGAAATGGCA  
 ATCAGAAAAGGACCCGTTCTGTGGCTATGCATGCATTGCCACAGAATCCAGGACCTGTGACCGTCCAAA  
 CTGCCAGGAATTGAAGACACTTTCAGGACAGCAGCCACTGAAGTGAAGTCTACTTGC GGGAAGCGAGGAG  
 TTTAATGCCACCAAGTTGTTTGAAGTTGACATGGACAGCTGTGAGCGATGGATGAGCTGCAAAAGTGAGT  
 TCTTAAAGAAGTACATGCACAAGGTGATCAATGACCTGCCAGTTGCCCTGCTCCTACCCCACTGAGGT  
 AGCCTACAGCACAGCTGACATCTTCGACCGCATCAAGCGCAAGGACTTCCGATGGAAGGATGCTAGCGGG  
 CCCAAAGAGAACTAGAGATCTACAAGCCTACTGCTCGATACTGCATCCGCTCTATGTTGTCCTAGAGA  
 GTACCACACTGGCTGCCAGCACTGTTGCTATGGTGACAACATGCAGCTCATCACCAGGGGCAAAGGGGC  
 AGGCACACCCAATCTCATCAGCACCGAGTTCTCTGCTGAGCTCCACTACAAAGTGAGCTTCTGCCCTGG  
 ATTATCTGTAAGGTGACTGGAGCAGATATAATGAGGCCAGGCCTCCCAATAATGACAGAAAGTGCACAG  
 AGAGCCCTTCTGATGAGGACTACATTAACAGTTC AAGAAGCCAGGGAGTACT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001134552

**Insert Size:** 1386 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\_001134552.2, NP\_001128024.1  
RefSeq Size: 1386 bp  
RefSeq ORF: 1386 bp  
Locus ID: 311760  
Cytogenetics: 3q36