

## Product datasheet for RN203853

### Invs (NM\_001107932) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Invs (NM_001107932) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Invs
Synonyms:	RGD1563359
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203853 representing NM_001107932 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAACATATCAGAGAATGTGCTCTCTACGGGTCCTCATTAGCATCTCAGGTTTCATGCCGCTGCAGTTA  
ATGGAGATAAAGGTGCCCTTCAGAGACTCATTGTTGAAACTCTGCTCTAAAGACAAAGAAGACCAATT  
TGGGAGAACACCACTTATGTATTGTGTGTTGGCAGACAGATTGGACTGTGCAGATGCCCTTCTAAAAGCA  
GGGCAGATGTCAACAAAACCGACCATAGCCGGAGAACAGCCCTCCACCTGCAGCCAAAAGGAAATT  
ACCGCTTTATGAAACTCTTACTACTCGCAGAGCAAAGTGGATGCAGAAGGACCTAGAAGAGATGACGCC  
TCTGCACCTGAGCACTCGGCACAGGAGCCCAAGTGTCTAGCGCTCCTGCTGAAGTTTATGGCGCCCGGG  
GAGGTGGATACACAGGACAAAAACAAGCAAACAGCTCTGCACTGGAGCGCCTACTACAACAATCCCAGC  
ATGCGAAGCTGCTCATCAAGCATGACTCCAACATCGGGATTCTGACGTGGAGGGCAAGATCCCCCTCCA  
CTGGGCAGCCAACCATAAAGACGCGAGTGCCGTGCACACAGTGAGATGCATCCTGGATGCCGCCCAACA  
GAGTCTTTATTGAACTGGCAAGACTATGAGGGCCGCACACCTCTGCACTTCGCAGTTGCTGATGAAACC  
TAACGGTGGTGGATGTCTTGACCTCCTATGAAAGCTGCAACATAACGTCTTATGACAACATTTTCGAAC  
CCCCTTCACTGGGCAGCCTTACTAGGCCATGCACAGATTGTCCATCTCCTTCTGGAAAGAAACAAGTCT  
GGAACCGTCCCTCCGACAGCCAAGGGCAACACCCTTGCACTATGCAGCTCAGAGTAATTTTGGTGAAA  
CAGTTAAGGTGTTTTTAAACGCATCCTTCAGTGAGAGATGATTCTGACTTGGAAAGGAAGAATCTTTCAT  
GTGGGCAGCAGGAAAAGGCAAGTACGACGCTGCTCAGAAGTATGCTCAGTTTAAAAATCGGACATCGACATC  
AACATGGCGGACAAAATATGGAGGCACAGCTTTACATGCCGCTGCCCTTTCTGGCCACGTCAGCACCGTGA  
AGTTGTTATTGGACAATGATGCCAAGTAGATGCTACTGACGTCATGAAACACACTCCACTGTTCCGAGC  
CTGCGAGATGGGACACAGAGACGTGATTAGACGCTTATTAAGGCGGAGCACGAGTCGACCTGTTGAC  
CAAGATGGACATTCCTTCTACTGGCAGCACTGGGAGGAAACGCTGACGCTGCCAGATCCTGATAG  
AAAACAAGATCAACCCAAACGTGCAGGACTACGGGGAAGAACCCTTCAAGTGCCTGCATATGGAGG  
GTACATCAACTGCATGGCTGTGCTCATGGAGAACAATGCAGACCCCAACATCCAAGACAAAGAGGGACGA



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ACAGCTCTGCACTGGTCCTGTAACAACGGCTACCTCGATGCCATTAACACTGCTGGACTTCGCTGCTT
TCCCTAACAGATGGAGAACAATGAGGAGAGGTACACACCCCTTGACTATGCATTGCTTGGTGAGCGCCA
TGAGGTGATCCAGTTCATGCTGGAACACGGTGCCCTGTCCATCGCAGCTATTCAAGACATCGCTGCCTTC
AAAATCCAAGCGGTCTACAAAGGATAACAAGGTAGAAAAGCCTCCGAGACCCGGAAGAACCTCCTCATGA
AGCACGAACAGCTGAGAAAGGACGCTGCAGTAAGAAACGGGAGGAGGAAAAACAAGCGGAAGGAAGCTGA
ACAGAAAGGACAGCCGGACACAGATCCTCCCAGGCCCAAGTCTCCCTGTCCACCCAGCCCCAGAT
GAGCCCAGTAGGCAGAGCGCAGCCCCTAGCAAACAGCCACCTGCTAGCCACACAGTCCAGAGCCCCGACC
CAGAGCAGGGCAGGCCTGCAGGCCAATGTCCAGGCAGAGCCTCCACAGGGATTGTTCTCAGACCTTCA
GGGAACAGCCTCCAGAAAGCCGAGTGAATCCCCAGGGAGCACTGCAGAGGCGCCTCTGCCGGCGTGCAC
CCCAGATCCTGCGAGGATGGTGATAGCTACAGGCATCAGGGAACATCCTCTGCGGAGAAGTGCAGAGGTG
AGACCAGTGGCGAACACCAGCGGTGTGAGCAGGGCCCAAGCAGAGCCAGGCAGCCCGTGTCCACTGGGTG
AGCGGGGCTGCCGAGAAAGGAGAGGACTCCAGCCCTGCCATTACAAGTCTCCAGCGGGACCGCCCC
CGGAAACCCAGCAAGAGACAGGACGGGGCGCCAGGTCCAGAGGTGCGTCCAGAAAAGACGCACCCATC
AGCTCAGAGACAGGTGCTCCCCGCTGGGTCCAGCCGGCTGGCAGTGTAAAGCGGAAGTTGCCCGGC
TGATCAGATTCTGTCCACCATGACACACCAAGAAACAAGGTGACCCAGGACAAGCTTGTAGGAGGGTCT
TCCTCGGATGTGCCACTCAGCACAGAAGAGCTGGGGTCAGGATGCCAGAAGCTTTATGAGACCTGTGTG
CATCTCCGGAGAACAATGTGGCTCACGGCCCCGACCTGGACAGAGTGTGAATATCCACCTTCTCCCGT
AGAACAGCGCCTGCTGATAATCCAGAGGGAACGGAGCAGGAAGGAGCTGTTTCGGAGAAAAACAAGGCA
GCGGCCGTATCCAGCGAGCTTGGCGAAGCTACCAGCTCAGGAAGCACCTCTCTCGGCTTCTGCATTTGA
AGCAGCTTGGAGCCAGAGATGTGCTCAGATGTAACAAGTGTGCGCAGCCCTGCTCCTCCAGTTTGGAG
GAAAGAAGTGGAGCTCAAGTCCCAAAGTCCATCTCAGTAAGCAGAACATCAAAGAGTCCATCCAAAGGC
ATGTCGGCCGCAAAGTCCGCCAGGCACTCAGTGTCCAGGCAGATCTACGGTTGTTCTCAGGAAGGAAAAG
TACATCATCCCATCAGATCTCCCAAAGTCCCTCCTGTGCTTCATCTCAGTTCAGTGAACAGTTTGCAGTC
TATACATCTTGACAGCAGTGAAGATCAAAGAAGTTTTCTTACAATCTGCAACCAGCCAGTCAATCAAAA
AACAAAGCCAAAGCTTGA
  
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
  
```

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_001107932

**Insert Size:**

3168 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\\_001107932.1](#), [NP\\_001101402.1](#)

RefSeq Size: 5578 bp  
RefSeq ORF: 3168 bp  
Locus ID: 313228  
Cytogenetics: 5q22