

## Product datasheet for **RN211856**

### **Ints5 (NM\_001107576) Rat Untagged Clone**

#### Product data:

|                           |                                                                                    |
|---------------------------|------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                |
| Product Name:             | Ints5 (NM_001107576) Rat Untagged Clone                                            |
| Tag:                      | Tag Free                                                                           |
| Symbol:                   | Ints5                                                                              |
| Synonyms:                 | RGD1309370                                                                         |
| Mammalian Cell Selection: | Neomycin                                                                           |
| Vector:                   | pCMV6-Entry (PS100001)                                                             |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                                               |
| Fully Sequenced ORF:      | >RN211856 representing NM_001107576<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGTCGCGTGTGTGCGACCCTCCCGGGGCCCCAGGGCCACCCGGGCGCTGCCCCGCCACCCACGGTCCCG  
CGCCTCTCAGTGCTCAGGAGCTGTCCCAAGAAATCAAGGCTTTTCTGACAGGTGCAGACCCTATTCTGGG  
CCACCAGCTCTCAGCTCGTGAACATGCTCGGTGCAGTCTTCTCCTGCTCCGTTCTTTGCCACCTGCTCGG  
GCTGCTGTGTGGATCACTTGAGAGGTGTTTTGATGAAAGTGTCCGGGCCACCTAGCTGCCCTAGAAG  
AAAGTCTGTGGCTGGTCCACCTCACCTCCGTCCACCTCCATCATCCCATGTCCCTGCTGGTGGACCTGG  
CTTAGAGGATGTGGTACATGAAGTGCAGCAGGTGCTATGTGAGTTATCCGTGCCAACCCAAAGGCTGG  
GCACCTGTGATTAGTGATGGTCCATTGACCTCATGGGACAACCTGAGCAGCACATATTACGGTCAGCATC  
AACGTGTTCCCCATGCCACTGGCTCTCTCAATGAAGTGTGACGCTTTGGATGGGCTGCAGGGCCACCCG  
CACATTAATGGACATCTATGTGCAGTGCCTCTCAGCTCTCATTGGTAGCTGCCAGATGCATGTGTAGAT  
GCCTTGCTGGACACTTCTGTTGAGCATTCCCCACACTTTGACTGGGTGTGGCCACATTGGCTCTTCTT  
TTCCTGGTACCATCATCTCCGAGTCTCTCCTGTGGCCTTAAGGACTTCTGTGTCCACAGTGGGGCTGG  
AGGAGGAGCTAGTGCTTGTGGTGAAGCTCTTCTCAAACCCCTCTTCAGACCCCTTCCCTGGATCTCCT  
GCCATACCTGGGAAAAACGGGTACCCAAGATTGCCTCAGTTGTAGGCATTCTAGGGCACTTGGCTTCCC  
GCCATGGAGACAGCATCCGACGGGAAGTGTGCGCATGTTCCATGATAGCTTGTGAGGGGTAAGGGGG  
CCGGAATGGGAGCCCTCTCTTCAGGCTACAGTTCCTTCTCTACTGCAGTGGCAGTCATGTCACAGCT  
TTGCTAGGAACAGTATCTGGAGAAGTGTGGACTGCCTCAAGCCCCAGCAGTGCTAAGCCAGCTGCAAC  
AACACCTGCAGGGGTCCCCGAGAAGAGCTAGACAACATGCTAAACCTGGCTGTGCATCTAGTGAGCCA  
GGCCTCTGGGACTGGTGCCTACCGCTGCTGCAGTTCTTAGTGGACACAGCTATGCCTGCTTCAGTTATT  
ACCACCCAGGGCTGGCTGTGCCAGACACTGTAAGAGAGGCTGTGACCGTCTGATCCAGCTGCTTTTGC  
TACATCTACAAAACTGGTTCATCATCGGGAGGGTCTCCTGGAGAAGGGGTGCTGGGCCACCCCCACC  
TCCTCGTCCAGTGCCTTTCTTGATGCATTACGAAACCATGTAGGAGAGCTGTGTGGAGAGACACTACGG



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CTAGAACGGAAGCGCTTCTCTGGCAGCATCAGCTCCTGGGCCTACTGTCTGTCTACACTCGACCTAGCT  
GTGGACCTGAGGCTTTGGGCCATCTCTGAGCAGAGCCAGAAGCCCTGAAGAGTTGAGTTTGGCAACCCA  
GCTATACGCAGGGCTAGTGGTTAGTCTCTCTGGCCTTCTTCCCTGGCCTTCCGAAGCTGCCTGGCCGA  
GTGCATGCAGGGACTTTACAGCCTCCCTTACAGCCCGGCTTCTGCGCAATTTGGCCTTGTGGTGGGT  
GGGAGCAGCAGGGGGTGAAGGCCCTTCAACCTTAGGGGCCGGTTTGGGAGTCTGCCTCAGCCACCT  
GTCTGATCTGGCTCCTCTCCTACTCCATCCAGAGGAGGAAGTAGCTGAAGCTGCTGCCTCCCTCCTTGCA  
ATATGTCCCTTTCTTCAAGAGCTTTGTCCCTTCCCACTTTTGGGACTAGTGAGAGCTGGGGTACACC  
GCTTCTTTGCTTCTTAAGGCTGCATGGCCCTCCTGGTGTGGCTTACAGCTCCAGCTTCTTACCCGCCT  
TTCTCAGACTTCCCGAGCTGGACTCAAGGCTGTCTTACAGCTGCTAGTTGAGGGAGCCTTACATCGGGG  
AACACGGAAGCTTTTGGAGGGGAATGGATGGAGACAATGAGACTCTCTCAATTGTCTCAACCCATTGG  
CTTCTGCCTCTTTGTGGACATTAACCGGAGGCATACTGCAGCTGTGCCGGTCTTGGAGGGATCTGGTC  
AGTTTTCCACGCTGGAGTTATCGCCGTGGCTTAAAGCCACCTAAAATTGTTCAATCTCGAAACCATCAG  
GAAGTTATCTATAACTCAGAGCCTTGTAACTCCTAGTGCAGTCTGCAGCGCATCTGGGAGCAATG  
AGCGTGAGGGTTGCTGGGGGCTCCACCCTGAGCCAGAGGCAGCCAAAGCAGTTGCAGTGACCTTAGT  
AGAGAGCGTGTGCTGATGCAGCTGGTGTGCTGAGCTGGCCTGGCCCCAGAGGATCAGCAGCAGCCACC  
GTGGAGCGGGATCTCCGATTGGTGGCGCTTCCGGGAACAACCCCTGCTGTTTGAAGCTTTGAAGCTGG  
TAGCAGCTGCTCCCCAGCCCTGTGCTACTGCTCCGTGCTGCTGCGGGGCTGCTGGCTGCCCTCTTGAG  
CCATTGGGAAGCCTCTCGACACCCTGATACAACCCATTCCCCTGGCATCTGGAGGCATCTGTATCCTG  
GTGGCTGTGATGGCTGAGGGAAGCCTCTTGCCACCAGCCCTGGGTAATATGCATGAGGTATTTAGCCAAC  
TGGCACCTTTTGAAGTTCGTCTGTTGCTGCTTAGTGTCTGGGGTTTTCTCGGGAGCATGGGCCCTTGCC  
CCAGAAGTTCATCTTCCAGTCAAGCGTGGCCGCTTATCCGGGACTTTTCCAGGGAGGGTGGAGGTGAA  
GGAGGACCCCATCTGTCTGTGCTGCACAGTGTCTCCACCGCAACATCGATCGCTGGGGCTCTTCTCTG  
CCCGTTTTTCAGGCACCTCCACCCTACTCTGCTTCGGCAGGGGACTGA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

Sgfl-MluI

**ACCN:**

NM\_001107576

**Insert Size:**

3060 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\_001107576.1, NP\_001101046.1

**RefSeq Size:**

3274 bp

**RefSeq ORF:**

3060 bp

Locus ID: 309200

Cytogenetics: 1q43