

## Product datasheet for **RN201551**

### **Itfg1 (NM\_133557) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Itfg1 (NM_133557) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Itfg1
Synonyms:	Cda08
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN201551 representing NM\_133557  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCGCAGGCCTGCTGCCTAGCGCCAGGGCGGTGCTGGCGCTGCTGTTCTTGGGACTCGCGCTGCTGA  
 GCGTTGGCCTGCTCCGGCACAGGCTCTACACAATGTCACGGCCGAGCTCTTTGGGGTGAGGCCTGGGG  
 CACCCTGGCGGCCTTCGGTGACCTCAACTCCGACAAACAGACGGACCTCTTCGTGCTGCGGAAAGAAAT  
 GACTTAATCGTCTTTTGGCAGATCAGAGTGCACCCTATTTAAACCCAAGGTAAAGGTGCTCTTGAAGA  
 ATTTCAAGTGCATTGGTAACAAGTGTAGTCCCTGGTGATTATGATGGGACTCACAAATGGATGCTCTGCT  
 CACATATTTCCCAAAATCATAGCAACAATGAATTAGGAGCTGTTATCTTCTGGGGACAAAATCAAACA  
 TTAGATCTAAAAACATGACCATACTCAATAGGACTTTTCATGACCAGCCACTGATTATGGACTTCAACG  
 GTGATCTAATTCCTGATGTGTTGCTATCACAAATGAATCCAGCCAGCCGAGATACTGTTAGGAGGAGA  
 TTTGTCATGGCATCCTGCCTTGACCACTAAGAGTAAAATGCGGGACCCACATTCTCATGATTTATTGAT  
 CTGACTGAAGATTTTACAGCAGATTTATTCCTTACAACATTGTCTGCCTCTAATACCTTCCAGTTTGAGA  
 TATGGGAAAATTTGGGTGAAAATCTCTATCCGTAGTGTCTTTGAAAAACCTAAAAATCTGGTGGTGGT  
 TGGACAGTCAGCATTCCGAGACTTTGATGGAGATGGACACATGGATCACTTGCTGCCAGGCTGTGAAGAT  
 AAGGACTGTCAGAAAAGTGCCATTTATTTAATGAGATCAGGAACAGGACAGTGGGCTCCTGTGCTTCAGG  
 ATTTTAGCAATAAGGGCACACTTGGGGCTTTGTCCCATTCGTGCATGAAGAGCGGCCAACTGCAATTCC  
 AGTTCCTCACACTTACATTTGGAGACTACAACATGGACGGCTACCTGATGCTCTGGCCATATTAAG  
 AATACATCTGGAAGCAATCAGCAAGCCTTCTTACTGGAGAATGTCCCGTGAATAATGCGAGCTGTGAGG  
 AAGTGCACCGGATGTTCAAAGTCTACTGGGACCTAGCAGGCCTGAATCTAATCAAAGACCCATGGTTGC  
 CACCTTTTTTGACATTTATGAAGATGGGATCTTGGACATTATAGTCCCTCAGTAAAGGATACACCAAGAGT  
 GATGTTGCCATCCACACACTCAAAAATAACTTTGAAGCAGATGCGTATTTTGTAAAGTCATTGTTCTTA  
 GTGGTCTATGTTCTAGTACTGCTCCTCGTAAGATAACACCCTTTGGAGTGAATCAGCCTGGACCTTATAT  
 CATGTACACAACAGTAGATGCAATGGGTATCTGAAAAATGGCTCAGCTGGGCAGCTTAGCCAGTCAGCA  
 CACTTAGCTCTCCAGCTGCCTTACAATGTGCTTGGTTTAGGCCGAAGTGCCAATTTCTGGACCATCTTT  
 TTGTTGGCATTCCCCGTCCATCTGGAGAGAAGTCTATAAGGAAACAAGAGTGGACAGCAATCATTCCAAA  
 TTCGACAGCTGATGTCATCCCATACCCTCACAGTGTCCCGAGAAGCTGGAGTGCCAAGTTGTACCTGACA  
 CCAAGTAACATTGCTCTGCTGACTGCGGTAGCCCTCACCGCGTCTGCGTCTTCATCTGGCAATAATCG  
 CCATTTTACACTGGCAGGAAAAGAAAGTGTACGACAGGAAAAGCGGCAAGAAGCACATCGCTTCCACTT  
 TGACGCTAT**GTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_133557
- Insert Size:** 1833 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\\_133557.2](#), [NP\\_598241.2](#)

**RefSeq Size:** 3407 bp

**RefSeq ORF:** 1833 bp

**Locus ID:** 171083

**Cytogenetics:** 19p11

**Gene Summary:** human homolog is a T cell immunomodulatory protein [RGD, Feb 2006]