

## Product datasheet for **RN213878**

### Igsf3 (NM\_001106455) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Igsf3 (NM_001106455) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Igsf3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN213878 representing NM_001106455 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGTGCCTTTTCCAGTGTGAGCTGTCTGGCTGTGCTGGTATCCAGATTCCTGCAGACGACGG  
CTGTCCCCAGACTCTGCACAAAGTGAACAGGACCCGCTGGAGCTCAGTTGCGAAGTGCCACCGAGAC  
CTCCAGCATACCCACCTCTCGGTATCCTGGCTCCGGCAAAGGGTGGCAGAACCCCTGTGGAGGTCA  
TCCTGAGCAGAGACTTCATCCTGCACTCCAGCAGTGAATATGCGCAGAGGCAGAGCCTGGCGGAGGTGC  
GGCTGGACAAGCTGGGGAGAAGCACGTTCCGCCTCACCATCTTCCACCTGCAGCCCTCCGACCAGGGCGA  
GTTCTACTGCGAGGCTGCAGAGTGGATCCAGGATCCAGACGGCTCTTGGTACGCCATGACCAGGAAGCGC  
TCTGAGGGTGCCGTGGTCAACGTCCAGCCACTGACAAAGAGTTCACCGTGCAGTGGAAACAGATAAGA  
GGCTGCACACAGTGGGTGAGCCGGTGGAGTTCAGATGTATCCTAGAGGCTCAGAATCCAGACCGGTA  
CTTTGCCGTCTCCTGGGCCTTCAACAGCTCACTATTGCCACCATGGGACCTAATGCTGTGCCAGTCCCT  
AACAGCGAATTTGCCACCGTGAAGCCAAGGGACAACCTAAGGTGGCCAAAGAGGGTGATGGTGTCTTTG  
TGCTGAAGATATACACCTTCGCCAGGAAGATAGTGGCAAATACAACCTGCCGGGTGACTGAGCGAGAGAA  
GACCGTCACTGGCGAGTTCATCGACAAGGAAAGCAAGAGGCCAAGAACATCCCCATCGTCGTGCTCCCC  
CTCAAAGCAGCATGTCCGTGGAGGTGGCCAGCAACGCCAGTGTCTGTCCTTGAGGGTGAGGACCTGCACT  
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GTCACAGCTATCTCCCGACACCGGGTCACTACAGCGACTCCTTTGACTTGCAGTGCATCATCAAAC  
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ACTGCCATCGAGAAGGCTGAGTCCAGCAACAATGTCCGCCTGAGCATCAGCCGGGCCAGTGCACGGAGG  
CGGGCAAGTACCAGTGTGTGGCAGAGCTGTGGCGGAGGAATTACAACAATACCTGGACGAGGCTGGCGGA  
GAGGACTTCAAACCTGCTGGAGATTCGGGTGCTGCAGCCAGTGCACAAAGCTTCAGGTGAGCAATCAAAG



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AGAACCTCACACTGGTGGAAAATCGTCCAATTCAGCTGAACTGCTCAGTCAAGTCCCAGACCAGCCAA
ACTCGCACTTCGCCGTGCTGTGGTATGTTCAAAAACCTCGGACGCGGACGGCAAGCTCATTCTCAAAAC
CACGCACAACCTCAGCCTTCGAGTATGGAACCTATGCGGAGGAGGAAGGCCTGCGAGGCCGGCTGCAGTTC
GAGAGGCATGTGTGAGGGGGCTGTTACGCCTCACTGTGCAGAGAGCTGAGGTACAGCAGCTGGCAGCT
ACTACTGCCATGTGGAGGAGTGGCTGCTGAGTCTAACTATGCCTGGTACAAGCTGGCCGAGGAGGTTTC
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TCTTCCGGCGTGTACAGGCTCTTCATCCAGAATGTGGCGGTGCAGGACAGCGGGACCTACAGCTGCCGAG
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GTCTTTGGTCTGAAGGACGCCCTTGGGAGGGCAGGCTGCGCTTCCAGAGGCTCTCGCCCTGCTGTACC
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CAGCCCTCAGAAGGGATGGTACCGGCTGACGGAGGAGGAGTCTGCCCCATTGGTATCCGGTCTGGAC
ACAAGTCCACCTGCAGTCGCTCATCTGCTCCAACGATGCCCTTCTACTTTGTCTTCTTCTACCCCTT
TCCCCATCTTGGCATCCTCATCATCACCATTCTACTGGTGCCTTCAAAGCCGGAACCTCAGCAAGAA
CTCAGAGGGGAAGAACGGGGTGCCTCTGTTGTGGATCAAGGAGCCGCACCTCAACTACTCCCCGACTTGC
CTGGAGCCTCTGTGCTCAGCATCCACCCTGGAGCCATAGACTAA
    
```

**ACGCGT**ACGCGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001106455
- Insert Size:** 3195 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\\_001106455.1](#), [NP\\_001099925.1](#)
- RefSeq Size:** 6569 bp
- RefSeq ORF:** 3195 bp

Locus ID: 295325

Cytogenetics: 2q34