

## Product datasheet for **RN215025**

### Igsf8 (NM\_001014787) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Igsf8 (NM_001014787) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Igsf8
Synonyms:	MGC105805
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN215025 representing NM\_001014787  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGGCGTCCCTAGCCCCACGCCGTGAGTTTCGCTGCTGCTGCTGCTAATACTTGGAGCCAGGTGCT  
 ACGCCCGCAGGTGCACGTCCCCAAGGGCCTCTTTACCGTGTGGCTGGCACCGCTGTCTATCTCCTG  
 CAATGTGAGTGACTATGAGGGCCCTTCCAGCAAGACTTCGAGTGGTTCATGTACAGACCCGAGGCCCA  
 GCTACGCTACTAGGCATCATCAGCACCAAGGACAGCCAGTTCTCCTATGCTGTCTTTGGGCTCGAGTGG  
 CATCTGGTGACCTGCAGGTGCAGCGCCTGAAGGGGACTCCGTTGGTGTCAAGATTGCTCGCCTGCAGGC  
 CCAGGACTCTGGCTTTTATGAGTGCTACACCCCTCTACGGATACTCAGTACCTGGGCAACTACAGTGCC  
 AAGGTGGAGCTGAGAGTCTTCCAGATGAGCTGCAGGTATCTGCTGCCCTCCAGGGCCCCGAGGACGCC  
 AGGTGGCAACCTCCCGTCACGCCTCACAGTACATGAGGGCAAGAGCTGGCGCTGGGCTGCCTGGCTCA  
 GACAAAACGAAGAAACACACACCTGTCCGGTGTCTTTGGGAGAGCCATTCTGAGGCCCGAGTGGGG  
 CGAGCCACCTACAGGAAGTAGTGGGACTGCGCTCTGACATGGCTGTGGAGGCCGGAGCTCCCTATGCTG  
 AGAGGCTGGTTGCCGGGAGCTTCGGCTGAGCAAGGAAGGACTGATCCGTACCCGATGGTGGTTGGGGG  
 TGCCAGGCTGGAGACTCCGGCACCTACCACTGCACTGCCGCTGAGTGGATTCAAGATCCTGATGGCTCC  
 TGGGTTCAAGTGCAGAGAAGAGGGCAGTCTGGCTCATGTGGATGTGCAGACACTGTCCAGCCAGCTAG  
 CAGTGACAGTGGGACCTGGTGAACGGCGGATTGGCCAGGGGAACCTTGGAACTGCTGTGTAATGTGTC  
 GGGGGCATTGCCCCAGCAGGCCGTGCTGCTGCTACTCTGTGGGCTGGGAGATGGCCCTGCAGGGGCT  
 CCAGGGCCTGGACGCCTGGTGGCCAGCTGGACACAGAAGGTATAGGCAGCCTGGGCCCTGGCTATGAAG  
 ACAGGCACATTGCCATGGAGAAAGTAGCATCCAGAACCTACCGACTACGGCTGGAGGCTGCCAGGCCCGC  
 TGACGCGGGCACCTACCGCTGCCTCGCCAAAGCCTACGTTTCGAGGCTCTGGGACCCGGCTTCGTGAAGCA  
 GCCAGTGCTCGTCCCGCCTCTCCCGGTGCATGTGAGAGAAGAAGGCGTGGTGTAGAGGCCGTGGCGT  
 GGCTAGCAGGGGGCACTGTGTACCGGGGAGAGACCGCCTCCCTGCTGTGTAACATCTCTGTGCGGGGCGG  
 CCCCCGGGGCTGCGACTAGCAGCCAGCTGGTGGGTGGAGAGACCAGAGGAGGGCGAACTGAGCTCTGGT  
 CCTGCTCAGCTTGTGGGTGGAGTGGGTGAGGACCGGTGTGGCAGAGCTGGGAGTCCGGCCTGGAGGGAGTC  
 CTGTCAGTGTGGAGCTGGTGGGACCCAGAAGTCATCGGCTGAGACTGCACAGCTTGGGGCCCGAGGACGA  
 AGGCATATACCACTGTGCGCCAGCGCCTGGGTGCAGCACGCTGACTATAGCTGGTACCAGGCAGGCAGT  
 GCGCGCTCCGGGCCGTACGGTCTACCCCTACACGCATGCTCTGGATACCCTGTTGTGCCCTTGTGG  
 TGGGTACAGGAGTCGCCCTAGTTACGGGAGCCAGCATCCTCGCTACCATCACCTGCTGTTTTATGAAGAG  
 GCTGAGGAAGCGG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001014787
- Insert Size:** 1836 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\\_001014787.1](#), [NP\\_001014787.1](#)

**RefSeq Size:** 2206 bp

**RefSeq ORF:** 1836 bp

**Locus ID:** 304979

**Cytogenetics:** 13q24