

## Product datasheet for **MC205083**

### Igsf21 (NM\_198610) Mouse Untagged Clone

#### Product data:

|                           |                                         |
|---------------------------|-----------------------------------------|
| Product Type:             | Expression Plasmids                     |
| Product Name:             | Igsf21 (NM_198610) Mouse Untagged Clone |
| Tag:                      | Tag Free                                |
| Symbol:                   | Igsf21                                  |
| Synonyms:                 | BC055811; Gm141                         |
| Mammalian Cell Selection: | Neomycin                                |
| Vector:                   | PCMV6-Kan/Neo (PCMV6KN)                 |
| E. coli Selection:        | Kanamycin (25 ug/mL)                    |



[View online »](#)

**Fully Sequenced ORF:** >BC055811  
 GGCAGAGCTTCGGCTCCAACTCCGCCACTGCCGCCACGGATCCGACTCCGGCCGCCGTGGCCGCCTATC  
 GCAGCCAAACAGCCGGGAGCAGCTGCGCGCCCCAGCCAGGTCCGGTGCAGCCGGAGCAGCCAGTGCCTC  
 TGGTGCAGCCCGGAGCATCCTATTACAGCCCAGAGTAGCTGGTGGTGCAGCCCGGAGCATCCCGGTACA  
 GCCCAGAGCAGCCCCGGGTAGCTGGCGGCCGGCTACAGTAGCATGGGGACCTCCCCTCGGCTCTCCTC  
 GCCTCTCGTCACCGCCACGGCCGGCGGCCGGGTACAAAGCGCTTCTGAGCCCATGGCGAGGGGACCCAC  
 CGCCGCCACTGCGATCGCTGCCGCCGCCGCCCTCGGCCAGCGCCGCCAGCTTCTGGACACCATGCAAG  
 CTGCTCCAAGCCTCCGCCGCGCTTCTGCTGCTGCTCGCCGCGATTCTGGACCTGGCACGCGGCTACCT  
 GACAGTCAACATTGAGCCCTTCCCCCTGTGGTGGCTGGGGACGCACTGACCCTGAAGTGTAACTTCAAG  
 ACAGACGGCCGTATGCGTGAGATCGTGTGGTACCGGGTACAGATGGCGCACCATCAAGCAGAAGATCT  
 TCACGTTTGACGCCATGTTCTCCACGAATACTCGCACATGGAGAATTACCGCAAGAGGGAGGACCTTGT  
 GTATCAGTCCACCGTGAGGCTGCCCGAGGTCCGGATCTCAGACAATGGTCCCTATGAGTGCCACGTGGGT  
 ATCTACGACCGAGCCACGAGGGAGAAGGTGGTCTCGCTCAGGCAACATCTTCTCAATGTCATGGCTC  
 CTCCACCTCCATCGAAGTCGTGGCTGCTGACTCCCCTGCCCCCTTAGCCGGTACCAGGCCAGAATT  
 CACACTGGTCTGCATCGTGTGAGGAGGAAGCCGGCGCCCATGGTTTATTTCAAACGGGACGGGGAGCCG  
 ATAGATGCCGTGCCCTGACAGAACTGCCAGCAGCCAGCTCTGGCCAGTCCAGGACAGCAGGCCCTTCC  
 GAAGCCTTCTGCACCGAGACGTGGATGATACAAAATGCAAAAGTCACTGTCCCTTCTGGACACTGAATA  
 CCGGGCTGGACGTCCCTACACGGAGCGCCCCGCGCAGCCTGACCCAGGACCCAGCCTCTTCTGTCAG  
 CCCACCACGAAAACATCCCAGAGACAGTGGTGAGCCGAGAGTCCCCCGTTGGGTACACAGCGCCGAGC  
 CGGTCTACTTCTGCGCCACAGCCGACCCAGGACGCGATGGCACGGTGGAGGTGCGGGCCCTGCTCAC  
 CTGGACCTCAACCCGACATCGACAATGAGGCCCTCTTACGTGTGAGGTCAAGCACCCAGCGCTGTCC  
 ATGCCCATGCAGCGGAGGTACGCTGGTTGCTCCAAAGGACCCAAAATCATGATGACGCCCAGCAGAG  
 CCCGGTTGGGGACACAGTGAGGATCCTAGTCCACGGATTTAGAAATGAGGTCTTCCAGAACCCATGTT  
 CACGTGGACGAGAGTGGGCAGCCGCTTCTGGATGGCAGTGCCGAGTTTACGGGAAGGAGCTTGTGCTG  
 GAGCGGGTCTTCCGAGCTCAACGGCTCCATGTACCGTGCAGTGGCCAGAACCCTGGGCTCCACTG  
 ATACACACACTCGGCTCATCGTGTTCGAAAACCCAAATATCCCAAGAGGAACAGAGGACTCCCGTGGTTC  
 TGCTTCCGGCCCCGCTGGCGTCCGGCTACCCCTGGTGTGCTTGCCTGACAGTGATCTGGAGCTCACGTGA  
 AGATGCTGCCTCTCCGATGCTCCAGCCGCCCGCATCTCTGCGATCGATTTTCATTTCTTTCTAAAC  
 TATTTCCAGTCTTGTCTTAGTCTCGGCCCATGTCTTGGCTTCTCACTGGGTTTAATTAACAAACAGA  
 CCAATTTTCCCCAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Ascl-NotI

**ACCN:** NM\_198610

**Insert Size:** 1407 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.

|               |                                                                                                                                                                                       |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note:         | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.                                                              |
| RefSeq:       | <a href="#">BC055811</a> , <a href="#">AAH55811</a>                                                                                                                                   |
| RefSeq Size:  | 1990 bp                                                                                                                                                                               |
| RefSeq ORF:   | 1407 bp                                                                                                                                                                               |
| Locus ID:     | 230868                                                                                                                                                                                |
| UniProt ID:   | <a href="#">Q7TNR6</a>                                                                                                                                                                |
| Cytogenetics: | 4 D3                                                                                                                                                                                  |
| Gene Summary: | Involved in synaptic inhibition in the brain. Selectively regulates inhibitory presynaptic differentiation through interacting with presynaptic NRXN2.[UniProtKB/Swiss-Prot Function] |