

## Product datasheet for MC207855

### Igsf11 (NM\_170599) Mouse Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Igsf11 (NM\_170599) Mouse Untagged Clone  
 Tag: Tag Free  
 Symbol: Igsf11  
 Synonyms: 1700025L02Rik; BT-IgSF; Igsf13  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >MC207855 representing NM\_170599  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGACTCGGGCGCTCCGCTCCGGCGTCTGGCTGCTCGTGTGCTGCTCGGTGTGCGAACATCCCTGG  
 AAGTGTCCGAGAGCCAGGCAGTGTCCAGGTGGCCGGGCGCCAGACAGCAGTCTGCCCTGCGCCTTCTC  
 CACCAGTGTGCCCTCCTGAACCTCAATGTCATTTGGATGGTTCATCCCTCTCCAATGCAAACAGCCC  
 GAACAGGTCATTCTTTATCAGGGTGGACAAATGTTTGACGGCGCCCTCCGGTTCACGGGAGGGTAGGAT  
 TTACCGGCACCATGCCTGCTACCAATGTCTCGATCTTCATCAATAACACACAGCTGTCAGATACGGGCAC  
 GTACCAAGTGTGGTGAATAACCTTCCAGACAGAGGGGGCAGAAACATCGGGTCACTGGCCTCACAGTG  
 TTAGTCCCCCTTCTGCTCCACAATGCCAAATCCAAGGATCCCAGGACCTCGGCAGTGACGTCATCCTTC  
 TGTGTAGTTCAGAGGAAGGCATCCCTCGGCCACGTACCTTTGGGAGAAGTTAGATAATACGCTCAAGCT  
 ACCTCCAACAGCCACTCAGGACCAGGTCCAGGGAACAGTCACCATCCGGAATATCAGTGCCTCTCTTCC  
 GGTCGTACCAGTGTGTGGCTTCTAATGCCATCGGGACCAGCACCTGTCTGCTGGACCTCCAGGTTATCT  
 CACCCAGCCCGGAGCGTTGGAGTAATAGCCGAGCGGTTGGCACCGGTGCTGTTCTTATCGTCATCTG  
 CTTGCACTAATTTAGGGCGTCTTTTACTGGAGAAGCAAAAACAAAGAGGAGGAGGAAGAAATT  
 CCTAATGAAATCAGAGAGGATGATCTTCCCCCTAAATGCTCTTCTGCCAAAGCCTTCCACACGGAGATAT  
 CCTCCTCAGAAAAAACACGCTGACCTCTTCCAATACCTACAACAGTCGATACTGGAACAACAATCCAAA  
 ACCCCATAGAAACACAGAGTCTTTCAACCACTTCAGTGACTTACGCCAGTCTTTCTGCGCAATGCAGTT  
 ATCCCATCAATCTATGCAAATGGGAACCATCTGGTTTTGGGTCCACATAAGACTCTGGTAGTTACAGCCA  
 ACAGAGGGTCATCACCTCAGGTCTTGGCCAGGAACAATGGTTCAGTCAGCAGGAAGCCTTGGCCTCAACA  
 CACTCATTCTACACAGTAAGCCAAATGACCCTGGAGCGCATCGGTGCAGTGCCTGTCATGGTGCCTGCC  
 CAGAGTCGAGCAGGGTCCCTGGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_170599
<b>Insert Size:</b>	1287 bp
<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a></p>
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_170599.2</a> , <a href="#">NP_733548.2</a>
<b>RefSeq Size:</b>	3430 bp
<b>RefSeq ORF:</b>	1287 bp
<b>Locus ID:</b>	207683
<b>UniProt ID:</b>	<a href="#">P0C673</a>
<b>Cytogenetics:</b>	16 B4
<b>Gene Summary:</b>	Functions as a cell adhesion molecule through homophilic interaction. Stimulates cell growth (By similarity).[UniProtKB/Swiss-Prot Function]