

## Product datasheet for **RN209444**

### **ift57 (NM\_001107093) Rat Untagged Clone**

#### Product data:

Product Type: Expression Plasmids  
 Product Name: ift57 (NM\_001107093) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: ift57  
 Synonyms: Esrrbl1  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN209444 representing NM\_001107093  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTGCCGCGGCCGCGGTGATCCCGCCGTCGGGCTTGACGATGGGGTGTCTCGGGCTCGCGGGGAAG  
 GCGCTGGGGAGGCGGTGGTGGAGCGCGGCCGGGAGCGGCCTACCATGTTCTGGTGTGGAAGACTT  
 AGTGGAGAAGCTGAAGCTGCTCCGCTACGAGGAGGAGCTACTCCGAAAGCAATCTGAAGCCCCGTCC  
 AGACACTACTTTGCTCTGCCTACCAATCCCGGTGAGCAGTTCTACATGTTTTGCACTCTTGTGCCTGGC  
 TGATCAACAAGACTGGCCGTGCCTTTGAGCAGCCTCAGGAATATGACGATCCCAATGCAACTATATCTAA  
 CATCCTGTCTGAGCTCCGCTCTTTGGGAGAACTGCAGATTTTCCTCCTCAAATTAAGTCTGGTTAT  
 GGAGAACATGTATGCTATGTTCTTGATTGTTTAGCTGAAGAAGCATAAAATATATTGGTTTCACTTGA  
 AAAGGCCATCATACCCAGTGAAGAGTTAGAAGAAGAACTGTTCCGGAAGATGATGCGGAGTTAACATT  
 AAGTAAAGTGGATGAAGAGTTTGTGGAAGAGGAGACAGATAATGAAGAAAACCTTTATTGATCTCAACGTT  
 TAAAGGCCAGACCTATCGCTTGACACAAACGAGTCTGCCAAACAAGAAGATATTTGGAATCTACGA  
 CAGATGCTGCGGAATGGAGTCTAGAAGTGAACGTGTACTACCCAGCTGAAAGTCAGCATCAGGACTGA  
 CAACAAGGATTGGAGAATCCACGTTGACCAAAATGCACCAGCACAAAAGTGAATGGAATCTGCTCTAAAG  
 GAGACCAAGGGTTCTTGACAAGCTCCATAATGAAATTAGCAGGACTCTGGAAAAGATCGGCAGCCGGG  
 AAAAGTACATTAACAATCAACTGAGCACTTGTTCAAGAATATCGTGGGGCCAGGCCAGCTAAGTGA  
 GGCAAGGGAACGCTACCAGCAGGCAATGGCGGAGTAACTGAACGGACCAGACTCCTGTCTGAGGTGACA  
 GAAGAATTAGAAAAGGTAACAAGAAATGGAAGAGAAGGCAGCAGCATGACGGATGGCACTCCTTTGG  
 TGAAGATTAAGCAGAGCTTAACCAAGCTGAAGCAAGAACTGTTGAGATGGACATTAGAATCGGGGTTGT  
 GGAGCACAGCTGCTTCAAGCTCAAGGAGAAGTGAACATGACCAGAGACATGCATGCGGCTGTC  
 ACCCCAGAGTCAGCAATCGGCTTCTAT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001107093
<b>Insert Size:</b>	1290 bp
<b>OTI Disclaimer:</b>	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).
<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>	<u><a href="#">NM_001107093.1</a>, <a href="#">NP_001100563.1</a></u>
<b>RefSeq Size:</b>	2548 bp
<b>RefSeq ORF:</b>	1290 bp
<b>Locus ID:</b>	303968
<b>Cytogenetics:</b>	11q21