

## Product datasheet for RR215257

### Islr (NM\_001126300) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Islr (NM\_001126300) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Islr  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR215257 representing NM\_001126300  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGCAAGCACTGTGCTGCTTTGCTGGGTTGTTCTCCTGAACCTGGTTCGAGCTTGTCAGAGGCTGTG  
 ACTGTGGGGAGAAGTATGGCTTCCAGATTGCAGACTGTGCCTATCGTGACCTAGACGGTGTGCCACCGGG  
 CTTCCCAGCCAATGTGACCACACTGAGCCTGTGCGCCAACAGGCTGCCAGTCTTGCTGGAGGGATCCTTC  
 AGAGAAGTGCCCTATTGCAGTCGCTGTGGCTGGCACACAATGAGATCCGCTCCGTGGCTGTTGGTGCTC  
 TGGCCCTCTGGGCCACCTCAAGAGTCTGGACCTCAGCCACAACCTCATCTCTGAGTTTGCCTGGAGCGA  
 TCTGCACAACCTCAGTGTCTTGCAGTCTCAAGATGGACAGCAATGAGTTAGCATTTCATCCCCGGGAT  
 GCCTTCCGCAGCCTCCATGCCCTGCGTTCTCTGCAGCTCAATCACAACCGCTGCACGCGTTAGCGGAGG  
 GCACCTTCGCGCCGCTCACCTCGCTGTCCCACTTGACAGTCAATCACAACCTTTGACTGCACCTGTGG  
 CATCGTGTGGTTCAAGACGTGGGCTTGGCCACAGCCGTGTCTATTCCAGAACAGGACAACATTGCCTGT  
 ACGTACCCCATGTGCTGAAGGGTACCCATTAAGCCGCTGCCGCCCTGCCCTGCTCAGCACCTCAG  
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 GCCAGTCTAATGTAGGCACTGATGGACGTCCCTGCCTGGCGCCCTTGACGCCAGTGGGCAGCCACGCT  
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 GGAGAGGATGCAGTGGGGCGAAGTCCATGGCAAAACAGTGGAGGGCAAGGGCTGTTATACGGTTGACA  
 ATGAGGTACAGCCGCTGGACCGGAAGATAATGTGGTTATCATTTACCTCAGCCGTGCTGGGCCCCAGA  
 GGCTGCAGTAACAGCCGAAGGAAGCCCTGGCAGCAGCTCTCAGGCGTACTCTGCTAGGCCAAAGCCTG  
 CTTGTTCTCTTCTTTCTGCTTC

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA



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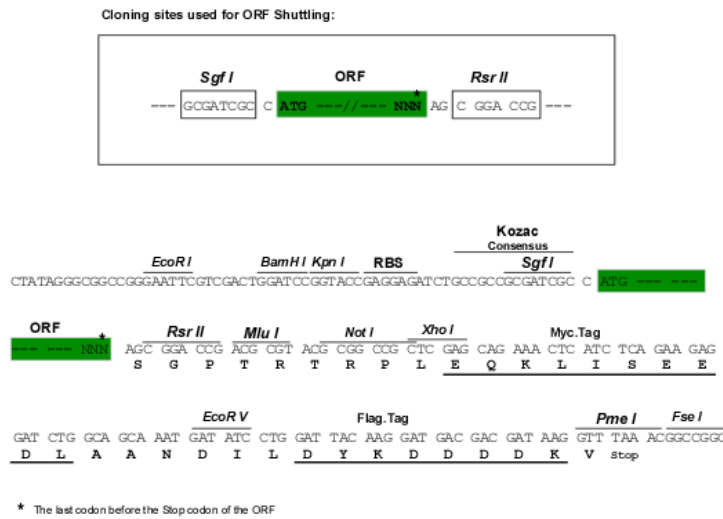
**Protein Sequence:** >RR215257 representing NM\_001126300  
 Red=Cloning site Green=Tags(s)

MQALCLLCWVLLNLRACPEACDCGEKYGFQIADCAYRDLGVPFGFPANVTTLSLSANRPLVLLLEGSF  
 REVPLQLSLWLAHNEIRSVAVGALAPLGHKSLDLSHNLI SEFAWSDLHNL SALQLLKMSNELAFIPRD  
 AFRSLHALRSLQLNHNRLHALAEGTFAPL TSLSHLQINHNPFDC TCGI VWFKTWALATAVSIPEQDNIAC  
 TSPHVLKGTPLSRLPPLPC SAPSVQLSYQPSQDGAELRPGFVLALHCDVDGQVPVQLHWHIHTPGGTVEI  
 ASPNVGTDGRPLPGALAASGQPRFQAFANGSLIPDFGKLEEGTYSCLATNELGSAESSVVALATPGEG  
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 LVLFLSCF

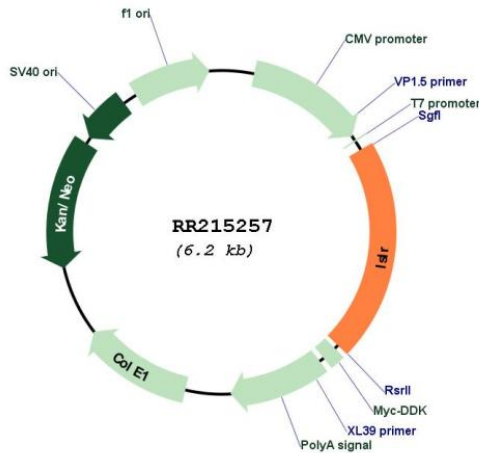
SGP TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-RsrII

**Cloning Scheme:**



**Plasmid Map:**



<b>ACCN:</b>	NM_001126300
<b>ORF Size:</b>	1284 bp
<b>OTI Disclaimer:</b>	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>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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_001126300.1</a> , <a href="#">NP_001119772.1</a>
<b>RefSeq Size:</b>	2081 bp
<b>RefSeq ORF:</b>	1287 bp
<b>Locus ID:</b>	686539
<b>Cytogenetics:</b>	8q24
<b>MW:</b>	45.7 kDa