

Product datasheet for SC116678

ISLR (NM_005545) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ISLR (NM_005545) Human Untagged Clone
Tag:	Tag Free
Symbol:	ISLR
Synonyms:	HsT17563; Meflin
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC116678 sequence for NM_005545 edited (data generated by NextGen Sequencing)

```

ATGCAGGAGCTGCATCTGCTCTGGTGGGCGCTTCTCCTGGCCTGGCTCAGGCCTGCCCT
GAGCCCTGCGACTGTGGGAAAAGTATGGCTTCCAGATCGCCGACTGTGCCTACCGCGAC
CTAGAATCCGTGCCGCTGGCTTCCCGCCAATGTGACTACACTGAGCCTGTGAGCCAAC
CGGCTGCCAGGCTTGCCGGAGGGTGCCTTCAAGGAGGTGCCCTGCTGCAGTCGCTGTGG
CTGGCACACAATGAGATCCGCACGGTGGCCGCGGAGCCCTGGCCTCTCTGAGCCATCTC
AAGAGCCTGGACCTCAGCCACAATCTCATCTGACTTTGCTGGAGCGACCTGCACAAC
CTCAGTGCCTCCAATTGCTCAAGATGGACAGCAACGAGCTGACCTTCATCCCCCGGAC
GCCTTCCGCAGCCTCCGTGCTCTGCGCTCGCTGCAACTCAACCACAACCGCTTGACACA
TTGGCCGAGGGCACCTTACCCCGCTCACCGCGCTGTCCACCTGCAGATCAACGAGAAC
CCCTTCGACTGCACCTGCGGCATCGTGTGGCTCAAGACATGGGCCCTGACCACGGCCGTG
TCCATCCCGGAGCAGGACAACATCGCCTGCACCTCACCCATGTGTTCAAGGGTACACCG
CTGAGCCGCTGCCGCCACTGCCATGCTCGGCGCCCTCAGTGCAGCTCAGCTACCAACCC
AGCCAGGATGGTGCCGAGCTGCGGCCTGGTTTTGTGCTGGCACTGCACTGTGATGTGGAC
GGGCAGCCGCCCCCTCAGCTTCACTGGCACATCCAGATACCCAGTGGCATTGTGGAGATC
ACCAGCCCAACGTGGGCACTGATGGGCGTGCCCTGCCTGGCACCCCTGTGGCCAGCTCC
CAGCCCGCTTCCAGGCCTTTGCCAATGGCAGCCTGCTTATCCCCGACTTTGGCAAGCTG
GAGGAAGGCACCTACAGCTGCCTGGCCACCAATGAGCTGGGCACTGCTGAGAGCTCAGTG
GACGTGGCACTGGCCACGCCCGGTGAGGGTGGTGGAGACACACTGGGGCGCAGGTTCCAT
GGCAAAGCGGTTGAGGGAAGGGCTGCTATACGGTTGACAACGAGGTGCAGCCATCAGGG
CCGGAGGACAATGTGGTATCATCTACCTCAGCCGTGCTGGGAACCCGAGGCTGCAGTC
GCAGAAGGGTCCCTGGGCGAGCTGCCCCAGGCCTGCTCCTGCTGGGCCAAAGCCTCCTC
CTTTCTTCTTCTCACCTCCTTCTAG

```

Clone variation with respect to NM_005545.3
646 c=>t;657 g=>a



[View online >](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_005545 unedited
 TTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGACAGGCCTGCACAT
 CGAAGGTGGGGTGGGACCAGGCTGCCCCCGCCCCAGCATCCAAGTCCTCCCTTGGGCGC
 CCGTGGCCCTGCAGACTCTCAGGGCTAAGGTCCTCTGTTGCTTTTTGGTTCCACCTTAGA
 AGAGGCTCCGCTTGACTAAGAGTAGCTTGAAGGAGGCACCATGCAGGAGCTGCATCTGCT
 CTGGTGGGCGCTTCTCCTGGGCTGGCTCAGGCCTGCCCTGAGCCCTGCGACTGTGGGGA
 AAAGTATGGCTTCCAGATCGCCGACTGTGCCTACCGCGACCTAGAATCCGTGCCGCTGG
 CTTCCCGCCAATGTGACTACACTGAGCCTGTCAGCCAACCGGCTGCCAGGCTTGCCGGA
 GGGTGCCTTCAGGGAGGTGCCCTGCTGCAGTCGCTGTGGCTGGCACACAATGAGATCCG
 CACGGTGGCCCGGAGCCCTGGCCTCTCTGAGCCATCTCAAGAGCCTGGACCTCAGCCA
 CAATCTCATCTGACTTTGCTGGAGCGACCTGCACAACCTCAGTGCCCTCCAATTGCT
 CAAGATGGACAGCAACGAGCTGACCTTCATCCCCCGGACGCCTTCCGCAGCCTCCGTGC
 TCTGCGCTCGTCAACTCAACCACAACCGCTTGACACATTGGCCGAGGGCACCTTAC
 CCCGCTACCCNGCTGTCCACCTGCAGATCAACGAGAACCCCTTCGACTGCACCTGCG
 GCATCGTGTGGCTCAAGACATGGGCCCTGACCAGGCCGTGTCCATNCCNGNANNACAGAC
 ACATCGNCTGCACCTCACCCATGTGTCAAGGGTACACGCTGAGCCGCTG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_005545 unedited
 CTCTACAAAATGCTGTTTGTCTCTGCTGCTCCCAACTGGCTGGCCTTTCAGAGGAGC
 AGACAACANATGCATAGTTGGGGAGAAAGGGAGGACAGGTTCCAGGATAGAGGTTGCAGG
 CTGAGGGAGGAAGGGTAAGAGGAAGGAAGGCCATCCTGGATCCCCACATTTCAAGTCTCAG
 ATGAGGACAAAGGGACTCCCAAGCCCCAAATCATCAGAAAACAGCAAGGAGCAGGAGGA
 GCTTGAGCAGGCCCCAGGGAGCCTCAGAGCCATACCAGCCACTGTCTACTTCCCATCCTC
 CTCTCCATTCCCTGTCTGCTTACAGACCCTCCAGCTAAGCCCCAGCTCCATTCCCCC
 AATCCTGGCCCTTGCAGCTTGACAGTCAAGTGCCTGGAATTCACCACTGAGGCTTCT
 CCCAGTTGGATTAGGACGTGCCCCGTTAGCATGCTGCCCTGAGAGGAGAGCACAGGCA
 ATGCTGTTAGCAGCAATGAGCACCGCAGACAGTGAGTTAGGGGATCAAATCTATCCTAG
 TCACTAGTTTGGAGCAGGCTAGAAGTTGGGGATAGCAGGTGCTCTAGAAGAGATTAGAA
 GGAGAGGTAGGAAAATGTGAAGTACCCATGCAGGCCCTCANGAGTTGCCAACCCAGACC
 CCTGCAGCACTTAAAGGGCATTGGTAGGGCAAGGGGAGGAGTTAGGGAAGCCCTGNGT
 GGGGCTAGAAGGAGGTGAGGAAGAAGAAAGAGAGGAGGCTTTGGCCANNACAGACANGC
 CTGGGGGCAGCTGCCAGGGACCCCTCTGCGACTGCAGCCTCAGGGTTCCAGCACGGCTG
 AAGTAGATGATGACCACATTGTCTNCGNCTGATGGCTGCACCTCGTGNCAACGTAT
 AGCAGCCCTTCCCTACCCGCTTGGCCATGGAACCTGCGCCCAA

Restriction Sites:

NotI-NotI

ACCN:

NM_005545

Insert Size:

2350 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_005545.3](#), [NP_005536.1](#)

RefSeq Size: 2312 bp

RefSeq ORF: 1287 bp

Locus ID: 3671

UniProt ID: [O14498](#)

Cytogenetics: 15q24.1

Domains: LRRCT, LRR, LRR_TYP, IGc2, LRR_PS