

## Product datasheet for **SC322552**

### LILRB5 (NM\_001081442) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	LILRB5 (NM_001081442) Human Untagged Clone
Tag:	Tag Free
Symbol:	LILRB5
Synonyms:	CD85C; LIR-8; LIR8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >OriGene sequence for SC322552  
 GTTTTTGTGTCCTGCCAGGCACCGTGGTCTCATCCGCCTGCACAGCTGAGTCCAGTGGGA  
 GCTGACGCCATGACCCTCACCTCTCAGTCCTGATTTGCCTCGGGCTGAGTGTGGGCCCC  
 AGGACCTGCGTGCAGGCAGGCACCTCCCCAAACCCACCTCTGGGCTGAGCCAGCCTCT  
 GTGATAGCTCGGGGAAGCCCGTGACCTCTGGTGTGACGGGCCCCTGGAGACTGAGGAG  
 TACCGTCTGGATAAAGAGGGACTCCCATGGGCCCGAAGACAGAACCCTGGAGCCT  
 GGAGCCAAGCCAAGTTCCACATTCCATCCACGGTGTATGACAGTGCAGGGCGATACCGC  
 TGCTACTATGAGACCCCTGCAGGCTGGTCAGAGCCAGTGACCCCTGGAGCTGGTGGCG  
 ACAGGATTCTATGCAGAACCCTCTTTTAGCCCTGCCGAGTCCCTGTGGTGGCCTCAGGA  
 GGAAATGTGACCCTCCAGTGTGATACACTGGACGGACTTCTCACGTTTGTCTTGTGTGAG  
 GAAGAACAGAAGCTCCCCAGGACCCTGTACTCACAGAAGTCCCCAAAGGGCCATCCCAG  
 GCCCTGTTCCCTGTGGTCCCCTGACCCCCAGCTGCAGGTGGAGGTTTCCAGTGTATTAC  
 TATTACAGGAAAAACCTCAGGTGTGGTCAACCCAGTGACCTCTGGAGATTCTGGTC  
 CCAGGCGTGTCTAGGAAGCCCTCCCTCCTGATCCCGCAGGGCTCTGTCGTGGCCCGGGA  
 GGCAGCCTGACCCTGCAGTGTGCTCTGATGTCGGCTATGACATATTCGTTCTGTACAAG  
 GAGGGGGAACATGACCTCGTCCAGGGCTCTGGCCAGCAGCCCCAGGCTGGGCTCTCCAG  
 GCCAATTCACCCCTGGGCCCTGTGAGCCGCTCCACGGGGGCCAGTACAGATGCTACGGT  
 GCACACAACCTCTCCCCTAGGTGGTCCGGCCCCAGCGACCCCTGGACATCCTGATCGCA  
 GGACTGATCCCTGACATACCCGCCCTCTCGGTGCAGCCGGGCCCAAGGTGGCCTCAGGA  
 GAGAACGTGACCCTGCTGTGTCAGTCAATGGCATCAGATAGACACTTTCTTTTGACCAAG  
 GAGGGGCGAGCCCATCCCCGCTGTGTCTAAAGTCAAAGTACCAGTCTTATAGACACCAG  
 GCTGAATCTCCATGAGTCTGTGACCTCAGCCAGGGTGAACCTACCGATGCTACAGC  
 GCAATCAGGTCTACCCCTACCTGCTGTCCAGCCCTAGTTACCCCAAGGAGCTCGTGGTC  
 TCAGGACCCCTCTGGGATCCAGCCTCTCACCTACAGGCTCCACCCACACCTGGCCCT  
 GAGGACCAGCCCTACCCCCACGGGTTGGATCCCCAGAGTGGTCTGGGAAGGCACCTG  
 GGGTGTGACTGGGTCTCAGTGGCCTTCGTCCTGCTGTTCTCTCTCTCTCTCTCTCTCT  
 CTCCTCCGACATCGGCATCAGAGCAAACACAGGACATCGGCCATTTCTACCGTCTGCA  
 GGGGCTGCGGGCCAGAGCCCAAGGACCAGGGCTGCAGAAGAGGGCCAGCCAGTTGCT  
 GACATCCAGGAGAAATCTCAATGCTGCCGTGAAGGACACACAGCCCAAGGACGGGGTG  
 GAGATGGATGCTCGGCTGCTGCATCTGAAGCCCCCAGGATGTGACCTACGCCAGCTA  
 CACAGCTTGACCCTCAGACGGGAGGCAACTGAGCCTCCTCCATCCAGGAAAGGGAACT  
 CCAGCTGAACCCAGCATCTACGCCCCCTGGCCATCCACTAGCCACGGGGGACCCAGAT  
 CTCATACTCAACAGAAGGAGACTCAGAGACTCCAGAAGGCACAGGAGTGCSCCAGTGG  
 ACACCAATGAACCCAGCCAGCCTGGACCCCTAACAAAGACCACCAGGACATCCTGGGAA  
 CTCTGGGACTCACTAGATTCTGCAGTCAAAGATGACTAATATCCTTGCATTTTTGAAATG  
 AAGCCACAGACTTCTCAATAAATCAATGAGCTGAGAAAAGTGAACAAAAA  
 AAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_001081442

**Insert Size:** 2100 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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

<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_001081442.1</a></u> , <u><a href="#">NP_001074911.1</a></u>
<b>RefSeq Size:</b>	2282 bp
<b>RefSeq ORF:</b>	1776 bp
<b>Locus ID:</b>	10990
<b>UniProt ID:</b>	<u><a href="#">O75023</a></u>
<b>Cytogenetics:</b>	19q13.42
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	<p>This gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family, which is found in a gene cluster at chromosomal region 19q13.4. The encoded protein belongs to the subfamily B class of LIR receptors which contain two or four extracellular immunoglobulin domains, a transmembrane domain, and two to four cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs). Several other LIR subfamily B receptors are expressed on immune cells where they bind to MHC class I molecules on antigen-presenting cells and inhibit stimulation of an immune response. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) encodes isoform 1.</p>