

## Product datasheet for **SC123832**

### LILRA2 (NM\_006866) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	LILRA2 (NM_006866) Human Untagged Clone
Tag:	Tag Free
Symbol:	LILRA2
Synonyms:	CD85H; ILT1; LIR-7; LIR7
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_006866 edited  
 CATCCGCAGAGCAGGGCAGTGGGAGGAGACGCCATGACCCCCATCCTCACGGTCCTGATC  
 TGTCTCGGGCTGAGTCTGGGCCCCAGGACCCACGTGCAGGCAGGGCACCTCCCAAGCCC  
 ACCCTCTGGGCTGAGCCAGGCTCTGTGATCATCCAGGGAAGTCTGTGACCCTCAGGTGT  
 CAGGGGAGCCTTACAGGCTGAGGAGTACCATCTATATAGGAAAACAAATCAGCATCTGG  
 GTTAGACGGATAACAAGAGCCTGGGAAGAATGGCCAGTTCCTCCATCCATCACCTGG  
 GAACAGCAGGGCGGTATCACTGTCAGTACTACAGCCACAATCACTCATCAGAGTACAGT  
 GACCCCTGGAGCTGGTGGTACAGGAGCCTACAGCAAACCCACCCTCTCAGCTCTGCC  
 AGCCCTGTGGTGACCTTAGGAGGGAACGTGACCCTCCAGTGTGTCTCACAGGTGGCATT  
 GACGGCTTCACTGTGTAAGGAAGGAGAAGATGAACACCCACAACGCCTGAACTCCCAT  
 TCCCATGCCCCTGGTGGTCTGGGCCATCTTCTCCGTGGGCCCGTGAGCCCGAGTGC  
 AGGTGGTCTGACAGGTGCTATGCTTATGACTCGAACTCTCCCTATGTGTGGTCTTACCC  
 AGTGATCTCTGGAGCTCTGGTCCCAGGTGTTTCTAAGAAGCCATCACTCTCAGTGCAG  
 CCAGGTCTATGGTGGCCCTGGGAGAGCCTGACCCTCCAGTGTGTCTCTGATGTGGC  
 TACGACAGATTTGTTCTGTATAAGGAGGAGAACGTGACTTCCCTCCAGCGCCCTGGTTGG  
 CAGCCCCAGGCTGGGCTCTCCAGGCCAACTTACCCTGGGCCCTGTGAGCCCTCCAC  
 GGGGGCCAGTACAGATGCTACAGTGCACACAACCTCTCCTCCGAGTGGTGGCCCCCAGT  
 GACCCCTGGACATCCTGATCACAGGACAGTTCTATGACAGACCCTCTCTCTCGGTGCAG  
 CCGGTCCCACAGTAGCCCCAGGAAAGAACGTGACCCTGCTGTGTGAGTACAGGGGGCAG  
 TTCCACACTTTCCTTCTGACCAAGGAGGGGGCAGGCCATCCCCACTGCATCTGAGATCA  
 GAGACCAAGCTCAGCAGAACCAGGCTGAATCCGCATGGTCTGTGACCTCAGCCAC  
 GTGGGGCCTACAGATGCTACAGCTCACTCAGCTCCAACCCCTACCTGCTGTCTCTCCC  
 AGTGACCCCTGGAGCTCGTGGTCTCAGCATCCCTAGGCCAACACCCCCAGGATTACACA  
 GTGGAGAATCTCATCCGCATGGGTGGTGGTGGCTTGGTCTGGTGGTCTCGGGATTCTG  
 CTATTTGAGGCTCAGCACAGCCAGAGAAGCCTACAAGATGCAGCCGGGAGGTGAACAGCA  
 GAGAGGACAATGCATCCTTACAGCGTGGTGGAGCCTCAGGGACAGATCTGATGATCCAGG  
 AGGCTCTGGAGGACAATCTAGGACCTACATTATCTGGACTGTATGCTGGTCAATTTCTAGA  
 GACAGCAATCAATATTTGAGTGTAAAGAACTGTCTGGGGTATTCTAGAAAGATCATTAA  
 AACTGTGGTACATTTAA  
 AA

**5' Read Nucleotide Sequence:** >OriGene 5' read for NM\_006866 unedited  
 NNGGTTCCGGTCAAAATTGTATACTCACTATAGGCGGCCGNAATCAGATCTGGTA  
 CCGGTCCGGAATCCCGGGATATCCATCCGAGAGCAGGGCAGTGGGAGGAGACGCCATG  
 ACCCCATCCTCACGGTCTGATCTGTCTCGGGCTGAGTCTGGGCCCCAGGACCCACGTG  
 CAGGCAGGGCACCTCCCCAAGCCACCCTCTGGGCTGAGCCAGGCTCTGTGATCATCCAG  
 GGAAGTCTGTGACCCTCAGGTGTCAGGGGAGCCTTACAGGCTGAGGAGTACCATCTATAT  
 AGGAAAACAAATCAGCATCCTGGTTAGACGGATACAAGAGCCTGGGAAGAATGGCCAG  
 TTCCCATCCCATCCATCACCTGGGAACACGCAGGGCGGTATCACTGTCAGTACTACAGC  
 CACAATCACTCATCAGAGTACAGTACCCCTGGAGCTGGTGGTACAGGAGCCTACAGC  
 AAACCCACCCTCTCAGCTCTGCCAGCCCTGTGGTACCTTAGGAGGGAACGTGACCCTC  
 CAGTGTGTCTCACAGGTGGCATTGACGGCTTCACTGTGTAAGGAAGGAGAAGATGAA  
 CACCCACAACGCCTGAACTCCCATTTCCATGCCCGTGGTGGTCTGGGCCATCTTCTCC  
 GTGGGCCCGTGAGCCGAGTCGCAGGTGGTCTGACAGGTGCTATGCTTATGACTCGAAC  
 TCTCCCTATGTGGTCTTACCCAGTGTCTCCTGGAGCTCCTGGTCCCAGGTGTTTCT  
 AAGAAGCCATCACTCTCAGTGCAGCCAGTCTATGGTGGCCCTGGGAGAGCCTGACC  
 CTCCAGTGTGTCTGATGTCGGCTACNACAGA

**Restriction Sites:** Please inquire  
**ACCN:** NM\_006866  
**Insert Size:** 2000 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>	<a href="#">NM_006866.1</a> , <a href="#">NP_006857.1</a>
<b>RefSeq Size:</b>	1696 bp
<b>RefSeq ORF:</b>	1401 bp
<b>Locus ID:</b>	11027
<b>UniProt ID:</b>	<a href="#">Q8N149</a>
<b>Cytogenetics:</b>	19q13.42
<b>Gene Summary:</b>	<p>This gene encodes a member of a family of immunoreceptors that are expressed predominantly on monocytes and B cells, and at lower levels on dendritic cells and natural killer cells. The encoded protein is an activating receptor that inhibits dendritic cell differentiation and antigen presentation and suppresses innate immune response. Alternatively spliced transcript variants encoding different isoforms have been found. This gene is located in a cluster of related genes on chromosome 19 and there is a pseudogene for this gene on chromosome 3. [provided by RefSeq, Mar 2014]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and lacks an alternate in-frame exon in the 3' coding region, compared to variant 1. The encoded isoform (b) is shorter than isoform a.</p>