

## Product datasheet for **SC325979**

### LILRA2 (NM\_001130917) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	LILRA2 (NM_001130917) Human Untagged Clone
Tag:	Tag Free
Symbol:	LILRA2
Synonyms:	CD85H; ILT1; LIR-7; LIR7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_001130917 edited  
 ATGACCCCATCCTCACGGTCTGATCTGTCTCGGGCTGAGTCTGGGCCCCAGGACCCAC  
 GTGCAGGCAGGGCACCTCCCAAGCCACCCTCTGGGCTGAGCCAGGCTCTGTGATCATC  
 CAGGGAAGTCCTGTGACCCTCAGGTGTCAGGGGAGCCTTCAGGCTGAGGAGTACCATCTA  
 TATAGGGAAAACAATCAGCATCCTGGGTTAGACGGATACAAGAGCCTGGGAAGAATGGC  
 CAGTTCCCATCCATCCATCACCTGGGAACACGCAGGGCGGTACTGTCACTACTAC  
 AGCCACAATCACTCATCAGAGTACAGTGACCCCTGGAGCTGGTGGTGACAGGAGCCTAC  
 AGCAAACCCACCCTCTCAGCTCTGCCAGCCCTGTGGTGACCTTAGGAGGGAACGTGACC  
 CTCCAGTGTGTCTCACAGGTGGCATTGACGGCTTCACTTGTGTAAAGGAAGGAGAAGAT  
 GAACACCCACAACGCCTGAACCTCCATTCCCATGCCCGTGGTGGTCTGGGCCATCTTC  
 TCCGTGGGCCCCGTGAGCCCGAGTCGCAGGTGGTGTACAGGTGCTATGCTTATGACTCG  
 AACTCTCCCTATGTGTGGTCTCTACCCAGTGATCTCCTGGAGCTCCTGGTCCCAGGTGTT  
 TCTAAGAAGCCATCACTCTCAGTGACGCCAGGTCTATGGTGGCCCCGGGAGAGCCTG  
 ACCCTCCAGTGTGTCTCTGATGTGCGGCTACGACAGATTTGTTCTGTATAAGGAGGGAGAA  
 CGTGACTTCTCCAGCGCCCTGGTTGGCAGCCCCAGGCTGGGCTCTCCAGGCCAACTTC  
 ACCCTGGGCCCTGTGAGCCCTCCACGGGGGCCAGTACAGATGCTACAGTGCACACAAC  
 CTCTCCTCCGAGTGGTTCGGCCCCAGTGACCCCTGGACATCCTGATCACAGGACAGTTC  
 TATGACAGACCCTCTCTCGGTGCAGCCGGTCCCCACAGTAGCCCCAGGAAAGAACGTG  
 ACCCTGCTGTGTCAGTACGGGGCAGTTCACACTTTCTTCTGACCAAGGAGGGGGCA  
 GGCCATCCCCACTGCATCTGAGATCAGAGCACCAAGCTCAGCAGAACCAGGCTGAATTC  
 CGCATGGTCTGTGACCTCAGCCACGTGGGGACCTACAGATGCTACAGCTCACTCAGC  
 TCCAACCCTACCTGCTGTCTCTCCCCAGTGACCCCTGGAGCTCGTGGTCTCAGAAGCA  
 GCTGAGACCCTCAGCCATCACAAAACAAGACAGACTCCACGACTACATCCCTAGGCCAA  
 CACCCCAAGATTACACAGTGGAGAATCTCATCCGCATGGGTGTGGCTGGCTTGGTCTGT  
 GTGGTCTCGGGATTCTGCTATTTGAGGCTCAGCACAGCCAGAGAAGCCTACAAGATGCA  
 GCCGGGAGGTGA



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<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_001130917
<b>Insert Size:</b>	1500 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>OTI Annotation:</b>	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_001130917.1</a></u> , <u><a href="#">NP_001124389.1</a></u>
<b>RefSeq Size:</b>	1774 bp
<b>RefSeq ORF:</b>	1452 bp
<b>Locus ID:</b>	11027
<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 (1) encodes isoform a.</p>