

Product datasheet for **SC115834**

LILRB5 (NM_006840) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LILRB5 (NM_006840) 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)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_006840, the custom clone sequence may differ by one or more nucleotides

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ATGACCCTCACCTCTCAGTCTGATTTGCCTCGGGCTGAGTGTGGGCCCCAGGACCTGCGTGCAGGCAG
GCACCCTCCCCAAACCCACCCTCTGGGCTGAGCCAGCCTCTGTGATAGCTCGGGGAAGCCCGTGACCCT
CTGGTGTGAGGGGCCCTGGAGACTGAGGAGTACCGTCTGGATAAGGAGGGACTCCCATGGGCCCGGAAG
AGACAGAACCCTGGAGCCTGGAGCCAAGGCCAAGTTCCACATTCCATCCACGGTGTATGACAGTGCAG
GGCGATACCGCTGCTACTATGAGACCCCTGCAGGCTGGTCCAGAGCCAGTGACCCCTGGAGCTGGTGGC
GACAGGATTCTATGCAGAACCCTCTTTTAGCCCTGCCGAGTCTGTGGTGGCCTCAGGAGGAAATGTG
ACCCTCCAGTGTGATACACTGGACGGACTTCTCACGTTTGTCTTGTGGAGGAAGAACAGAAGCTCCCCA
GGACCCTGACTCACAGAAGCTCCCCAAGGGCCATCCAGGCCCTGTTCCCTGTGGTCCCGTGACCCC
CAGCTGCAGGTGGAGGTTGAGTGTACTATTACAGGAAAAACCCTCAGGTGTGGTGCAGCCCAAGT
GACCTCCTGGAGATTCTGGTCCCAGGCGTGTCTAGGAAGCCCTCCCTCCTGATCCCGCAGGGCTCTGTGC
TGGCCCGGAGGAGCAGCCTGACCCTGCAGTGTGCTCTGATGTGCGCTATGACATATTCTGTCTGTACAA
GGAGGGGAACATGACCTCGTCCAGGGCTCTGGCCAGCAGCCCCAGGCTGGGCTCTCCAGGCCAACTTC
ACCCTGGGCCCTGTGAGCCGCTCCACGGGGGCCAGTACAGATGTACGGTGCACACAACCTCTCCCTA
GGTGGTGGCCCCCAGCGACCCCTGGACATCCTGATCGCAGGACTGATCCCTGACATACCCGCCCTCTC
GGTGCAGCCGGGGCCCAAGGTGGCCTCAGGAGAGAACGTGACCCTGCTGTGTCAGTTCATGGCATCAGATA
GACACTTTCTTTTGGACCAAGGAGGGGGCAGCCCATCCCCGCTGTGTCTAAAGTCAAAGTACCAGTCTT
ATAGACACCAGGTGAATTCTCCATGAGTCTGTGACCTCAGCCAGGGTGAACCTACCGATGCTACAG
CGCAATCAGGTCTACCCCTACCTGCTGCCAGCCCTAGTTACCCCAAGGAGCTCGTGGTCTCAGGACCC
TCTGGGATCCCAGCCTCACCTACAGGCTCCACCCCAACCTGGCCCTGAGGACCAAGCCCTCACCC
CCACGGGTTGGATCCCCAGAGTGGTCTGGGAAGGCACCTGGGGTTGTGACTGGGTCTCAGTGGCCTT
CGTCTGTGCTGTTCTCTCTCTCTCTCTCTCCGACATCGGCATCAGAGCAAACACAGGACATCG
GCCATTTCTACCGTCTGCAGGGGCTGCGGGGCCAGAGCCCAAGGACCAGGGCCTGCAGAAGAGGGCCA
GCCAGTTGCTGACATCCAGGAGGAAATCTCAATGCTGCCGTGAAGGACACACAGCCCAAGGACGGGGT
GGAGATGGATGCTCGGGCTGCTGCATCTGAAGCCCCCAGGATGTGACCTACGCCAGCTACACAGCTTG
ACCCTCAGACGGGAGGCAACTGAGCCTCCTCCATCCCAGGAAAGGGAACCTCCAGCTGAACCCAGCATCT
ACGCCCCCTGGCCATCCACTAG
    
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- Restriction Sites:** Please inquire
- ACCN:** NM_006840
- 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:** The ORF of this clone has been fully sequenced and found to be a perfect match to NM_006840.2.
- 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:	<ol style="list-style-type: none">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_006840.2 , NP_006831.1
RefSeq Size:	2114 bp
RefSeq ORF:	1773 bp
Locus ID:	10990
UniProt ID:	O75023
Cytogenetics:	19q13.42
Domains:	ig
Protein Families:	Transmembrane
Gene Summary:	<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 (2) uses an alternate in-frame splice site in the 3' coding region compared to variant 1. The encoded isoform (2) is shorter than isoform 1.</p>