

Product datasheet for SC315959

LILRB5 (NM_001081443) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LILRB5 (NM_001081443) Human Untagged Clone
Tag:	Tag Free
Symbol:	LILRB5
Synonyms:	CD85C; LIR-8; LIR8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_001081443 edited
 ATGACCCTCACCTCTCAGTCTGATTTGCCTCGGGCTGAGTGTGGGCCCCAGGACCTGC
 GTGCAGGCAGGCACCCTCCCCAAACCCACCCTCTGGGCTGAGCCAGCCTCTGTGATAGCT
 CGGGGAAGCCCGTGACCCTCTGGTGTCAGGGGCCCTGGAGACTGAGGAGTACCGTCTG
 GATAAGGAGGGACTCCCATGGGCCCGGAAGAGACAGAACCCTACTGGAGCCTGGAGCCAAG
 GCCAAGTTCACATTCCATCCACGGTGTATGACAGTGCAGGGCGATACCGCTGCTACTAT
 GAGACCCTGCAGGCTGGTCAGAGCCCAGTGACCCCTGGAGCTGGTGGCGACAGGCGTG
 TCTAGGAAGCCCTCCCTCCTGATCCCGCAGGGCTCTGTCGTGGCCCGGGAGGCAGCCTG
 ACCCTGCAGTGTGCTCTGATGTCGGCTATGACATATTCGTTCTGTACAAGGAGGGGGAA
 CATGACCTCGTCCAGGGCTCTGGCCAGCAGCCCCAGGCTGGGCTCTCCAGGCCAACTTC
 ACCCTGGGCCCTGTGAGCCGCTCCACGGGGGCCAGTACAGATGCTACGGTGCACACAAC
 CTCTCCCCTAGGTGGTCGGCCCCAGCGACCCCTGGACATCCTGATCGCAGGACTGATC
 CCTGACATACCCGCCCTCTCGGTGCAGCCGGGCCCAAGGTGGCCTCAGGAGAGAACGTG
 ACCCTGTGTGTGAGTATGGCATCAGATAGACTTTCTTTTGGACCAAGGAGGGGGCA
 GCCCATCCCCCGTGTGTCTAAAGTCAAAGTACCAGTCTTATAGACACCAGGCTGAATTC
 TCCATGAGTCTGTGACCTCAGCCAGGGTGAACCTACCGATGCTACAGCGCAATCAGG
 TCCTACCCTACCTGCTGTCCAGCCCTAGTTACCCCCAGGAGCTCGTGGTCTCAGGACCC
 TCTGGGGATCCCAGCCTCTCACCTACAGGCTCCACCCCAACCTGCAGGCCCTGAGGAC
 CAGCCCCCTACCCCAAGGGGTTGGATCCCAGAGTGGTCTGGGAAGGCACCTGGGGGTT
 GTGATGGGGTCTCAGTGGCCTTCGTCTGCTGCTGTTCTCCTCCTCTCTCCTCCTCCTC
 CGACATCGGCATCAGAGCAAACACAGGACATCGGCCATTTCTACCGTCTGCAGGGCT
 GCGGGGCCAGAGCCCAAGGACCAGGGCCTGCAGAAGAGGGCCAGCCAGTTGCTGACATC
 CAGGAGGAAATTCATGCTGCCGTGAAGGACACACAGCCCAAGGACGGGGTGGAGATG
 GATGCTCGGGCTGCTGCATCTGAAGCCCCCAGGATGTGACCTACGCCAGCTACACAGC
 TTGACCCTCAGACGGGAGGCAACTGAGCCTCCTCCATCCCAGGAAAGGGAACCTCCAGCT
 GAACCCAGCATCTACGCCCCCTGGCCATCCACTAG



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Restriction Sites:	Please inquire
ACCN:	NM_001081443
Insert Size:	1500 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.
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:	<u>NM_001081443.1</u> , <u>NP_001074912.1</u>
RefSeq Size:	1982 bp
RefSeq ORF:	1476 bp
Locus ID:	10990
UniProt ID:	<u>O75023</u>
Cytogenetics:	19q13.42
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 (3) lacks an alternate in-frame exon in the 5' coding region compared to variant 1. The encoded isoform (3) is shorter than isoform 1.</p>