

Product datasheet for **SC303833**

LILRA1 (NM_006863) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LILRA1 (NM_006863) Human Untagged Clone
Tag:	Tag Free
Symbol:	LILRA1
Synonyms:	CD85I; LIR-6; LIR6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_006863 edited

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ATGCACCGAGGGCTCATCCATCCGCAGAGCAGGGCAGTGGGAGGAGACGCTATGACCCCC
ATCGTCACAGTCCTGATCTGTCTCAGGCTGAGTCTGGGCCCCCGACCCACGTGCAGGCA
GGGACCCCTCCCCAAGCCACACTCTGGGCTGAGCCAGGCTCTGTGATCACCCAGGGGAGT
CCCGTGACCCCTCTGGTGTGAGGGGATCCTGGAGACCCAGGAGTACCGTCTGTATAGAGAA
AAGAAAACAGCACCCCTGGATTACACGGATCCCACAGGAGATTGTGAAGAAGGGCCAGTTC
CCCATCCCATCCATCACCTGGGAACACACAGGGCGGTATCGCTGTTTCTACGGTAGCCAC
ACTGCAGGCTGGTCAGAGCCAGTGACCCCTGGAGCTGGTGGTGACAGGAGCCTACATC
AAACCCACCCCTCTCAGCTCTACCCAGCCCTGTGGTGACCTCAGGAGGGAACGTGACCCCTC
CATTGTGTCTCACAGGTGGCATTGGCAGCTTCATTCTGTGTAAGGAAGGAGAAGATGAA
CACCCACAATGCCTGAACCTCACAGCCCCGTACCCATGGGTGGTCCCGGGCCATCTTCTCT
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TCTCCCCATGTGTGGTCTCTACCCAGTGATCTCCTGGAGCTCCTGGTCTAGGTGTTTCT
AAGAAGCCATCACTCTCAGTGCAGCCAGGTCTATAGTGGCCCTGGGGAGAGCCTGACC
CTCCAGTGTGTTTCTGATGTGAGCTACGACAGATTTGTTCTGTATAAGGAGGGAGAACGT
GACTTCTCCAGTCCCTGGCCACAGCCCCAGGCTGGGCTCTCCAGGCCAACTTACC
CTGGGCCCTGTGAGCCGCTCCTACGGGGGCCAGTACAGATGCTCCGGTGCATACAACCTC
TCCTCCGAGTGGTCGGCCCCAGCGACCCCTGGACATCCTGATCGCAGGACAGTTCCTG
GGCAGACCCCTTCTCCTGGTGCATCCGGGCCCCACGGTGGCCTCAGGAGAGAAGCTGACC
CTGCTGTGTGTCAGTCATGGGGGCCGTTCCACACTTTCCTTCTGACCAAGGCGGGAGCAGT
GATGCCCCCTCCGTCTCAGATCAATACGAATATCCTAAGTACCAGGCTGAATTCCTT
ATGAGTCTGTGACCTCAGCCCACTCGGGGACCTACAGGTGCTACGGTCACTCAGCTCC
AACCCCTACCTGCTGTCTCACCCAGTGACTCCCTGGAGCTCATGGTCTCAGGAGCAGCT
GAGACCCCTCAGCCACCACAAAACAAGTCCGATTCCAAGGCTGGAGCAGCTAACACCCCTC
AGCCCATCACAAAACAAGACTGCCTCACACCCCCAGGATTACACAGTGGAGAATCTCATC
CGCATGGGCATAGCTGGCTTGGTCTGGTGGTCTCGGGATTCTGCTATTTGAGGCTCAG
CACAGCCAGAGAAGCCTCTGAGATGCAGCCGGGAGGTGAACAGCAGAGAGAAGCTT
  
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Restriction Sites:	Please inquire
ACCN:	NM_006863
Insert Size:	1600 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 open reading frame of this clone has been fully sequenced and found to be a perfect match to the protein associated with this reference, NM_006863.1.
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:	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_006863.1, NP_006854.1</u>
RefSeq Size:	1910 bp
RefSeq ORF:	1470 bp
Locus ID:	11024
UniProt ID:	<u>O75019</u>
Cytogenetics:	19q13.42
Gene Summary:	This gene encodes an activating member of the leukocyte immunoglobulin-like receptor (LIR) family, which is found in a gene cluster at chromosomal region 19q13.4. The encoded protein is predominantly expressed in B cells, interacts with major histocompatibility complex class I ligands, and contributes to the regulation of immune responses. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, May 2013] Transcript Variant: This variant (1, also known as LIR6a) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.