

Product datasheet for **SC335118**

LILRA1 (NM_001278318) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LILRA1 (NM_001278318) Human Untagged Clone
Tag:	Tag Free
Symbol:	LILRA1
Synonyms:	CD85I; LIR-6; LIR6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001278318, the custom clone sequence may differ by one or more nucleotides

ATGACCCCCATCGTCACAGTCCTGATCTGTCTCAGGCTGAGTCTGGGCCCCCGACCCACGTGCAGGCAG
 GGACCCTCCCCAAGCCCACACTCTGGGCTGAGCCAGGCTCTGTGATCACCCAGGGGAGTCCCGTGACCCT
 CTGGTGTGAGGGGATCCTGGAGACCCAGGAGTACCGTCTGTATAGAGAAAAGAAAACAGCACCCCTGGATT
 ACACGGATCCCACAGGAGATTGTGAAGAAGGGCCAGTTCCCCATCCCATCCATCACCTGGGAACACACAG
 GGCGGTATCGTGTCTTACGGTAGCCACACTGCAGGCTGGTCAGAGCCAGTGACCCCTGGAGCTGGT
 GGTGACAGGAGCCTACATCAAACCCACCCTCTCAGCTTACCCAGCCCTGTGGTGACCTCAGGAGGGAAC
 GTGACCCTCCATTGTGTCTCACAGGTGGCATTGGCAGCTTCATTCTGTGTAAGGAAGGAGAAGATGAAC
 ACCCACAATGCCTGAACCTACAGCCCCGTACCCATGGGTGGTCCCGGGCCATCTTCTCTGTGGGCCCGT
 GAGCCCGAGTCGCAGGTGGTCTGACAGGTGCTATGCTTATGACTCGAACTCTCCCATGTGTGGTCTCTA
 CCCAGTGATCTCCTGGAGCTCCTGGTCCTAGGAGCAGCTGAGACCCTCAGCCACCCACAAAACAAGTCCG
 ATTCCAAGGCTGGAGCAGCTAACACCCTCAGCCCATCACAAAACAAGACTGCCTCACACCCCCAGGATTA
 CACAGTGGAGAATCTCATCCGCATGGGCATAGCTGGCTTGGTCTGGTGGTCTCGGGATTCTGCTATT
 GAGGCTCAGCACAGCCAGAGAAGCCTCTGA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001278318
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).


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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_001278318.1, NP_001265247.1</u>
RefSeq Size:	2688 bp
RefSeq ORF:	870 bp
Locus ID:	11024
UniProt ID:	<u>O75019</u>
Cytogenetics:	19q13.42
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2, also known as LIR6b) lacks two consecutive in-frame exons in the coding region, compared to variant 1. The encoded isoform (2) is shorter, compared to 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.</p>