

Product datasheet for SC336136

LILRA1 (NM_001278319) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LILRA1 (NM_001278319) 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:	>SC336136 representing NM_001278319. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGACCCCCATCGTCACAGTCTGTCTCAGGCTGAGTCTGGGCCCCGGACCCACGTGCAGGCA
 GGGACCTCCCCAAGCCACACTCTGGGCTGAGCCAGGCTCTGTGATCAGGAGGAGTCCCGTGACC
 CTCTGGTGTGAGGGATCCTGGAGACCCAGGAGTACCGTCTGTATAGAGAAAAGAAAACAGCACCTGG
 ATTACACGGATCCACAGGAGATTGTGAAGAAGGGCCAGTTCCCATCCATCCATCACCTGGGAACAC
 ACAGGGCGGTATCGCTGTTTCTACGGTAGCCACACTGCAGGCTGGTCAGAGCCAGTGACCCCTGGAG
 CTGGTGGTGACAGGAGCCTACATCAAACCCACCCTCTCAGCTCTACCCAGCCCTGTGGTGACCTCAGGA
 GGAACGTGACCCCTCATTGTGTCTCACAGGTGGCATTGGCAGCTTCATTCTGTGTAAGGAAGGAGAA
 GATGAACACCCACAATGCCTGAACCTCACAGCCCCGTACCCATGGGTGGTCCCGGGCCATCTTCTCTGTG
 GGCCCCGTGAGCCCGAGTCGAGGTGGTGTACAGGTGCTATGCTTATGACTCGAACTCTCCCCATGTG
 TGGTCTTACCCAGTGATCTCCTGGAGCTCCTGGTCTAGGTGTTTCTAAGAAGCCATCACTCTCAGTG
 CAGCCAGGTCTATAGTGGCCCCGAGGAGCCTGACCTCCAGTGTTTCTGATGTCAGCTACGAC
 AGATTTGTTCTGTATAAGGAGGGAGAACGTGACTTCCTCCAGTCCCTGGCCACAGCCCCAGGCTGGG
 CTCTCCAGGCCAACTTCACCTGGGCCCTGTGAGCCGCTCCTACGGGGGCCAGTACAGATGCTCCGGT
 GCATAAACCTCTCCTCGAGTGGTGGCCCCCAGCGACCCCTGGACATCCTGATCGCAGGACAGTTC
 CGTGCCAGACCTTCATCTCGGTGCATCCGGGCCCCACGGTGGCTCAGGAGAGAACGTGACCTGCTG
 TGTGAGTCATGGGGCCGTTCCACACTTTCCTTCTGACCAAGGCGGGAGCAGCTGATGCCCCCTCCGT
 CTCAGATCAATACGAATATCCTAAGTACCAGGTGAATTCCTATGAGTCTGTGACCTCAGCCAC
 TCGGGGACCTACAGGTGCTACGGCTCACTCAGCTCCAACCCCTACCTGCTGTCTACCCAGTGACTCC
 CTGGAGCTCATGGTCTCAGGAGCAGCTGAGACCCTCAGCCACCACAAAACAAGTCCGATTCCAAGGCT
 GGTGAGTGA
ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC


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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001278319
Insert Size:	1320 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).
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_001278319.1</u>
RefSeq Size:	1821 bp
RefSeq ORF:	1320 bp
Locus ID:	11024
UniProt ID:	<u>O75019</u>
Cytogenetics:	19q13.42
MW:	47.9 kDa
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 (3) has a shorter 5' UTR, lacks several exons and its 3'-terminal exon extends past a splice site that is used in variant 1. The encoded isoform (3) has a shorter and distinct C-terminus, compared to isoform 1. Isoform 3 lacks the transmembrane domain found in isoform 1 and is suspected to be soluble (PMID: 19658091).