

Product datasheet for SC336212

LILRA2 (NM_001290270) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LILRA2 (NM_001290270) Human Untagged Clone
Tag:	Tag Free
Symbol:	LILRA2
Synonyms:	CD85H; ILT1; LIR-7; LIR7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC336212 representing NM_001290270. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGACCCCATCCTCACGGTCTGATCTGTCTCGGGCACCTCCCAAGCCACCCTCTGGGCTGAGCCA
GGCTCTGTGATCATCCAGGGAAGTCTGTGACCCTCAGGTGTCAGGGGAGCCTTCAGGCTGAGGAGTAC
CATCTATATAGGGAAAACAAATCAGCATCTGGGTTAGACGGATAACAAGAGCCTGGGAAGAATGGCCAG
TTCCCATCCCATCCATCACCTGGGAACACGCAGGGCGGTATCACTGTCAGTACTACAGCCACAATCAC
TCATCAGAGTACAGTACCCCTGGAGCTGGTGGTGACAGGAGCCTACAGCAAACCCACCCTCTCAGCT
CTGCCAGCCCTGTGGTGACCTCAGGAGGAACGTGACCCTCCAGTGTGTCTCACAGGTGGCATTGAC
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CAGTGTGTCTCTGATGTCGGCTACGACAGATTTGTTCTGTATAAGGAGGGAGAACGTGACTTCTCCAG
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GCCCCAGGAAAGAACGTGACCCTGCTGTGTCAGTACGGGGGAGTCCACACTTTCCTTCTGACCAAG
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CGCATGGGTCTGTGACCTCAGCCACGTGGGACCTACAGATGCTACAGCTCACTCAGCTCCAACCCC
TACCTGTGTCTCTCCCAAGTACCCCTGGAGCTCGTGGTCTCAGCATCCCTAGGCCAACACCCCCAG
GATTACACAGTGGAGAATCTCATCCGCATGGGTGTGGCTGGCTTGGTCTGGTGGTCTCGGGATTCTG
CTATTTGAGGCTCAGCACAGCCAGAGAAGCCTACAAGATGCAGCCGGGAGGTGA
ACGGGTACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001290270
Insert Size:	1365 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:	<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_001290270.1</u>
RefSeq Size:	1646 bp
RefSeq ORF:	1365 bp
Locus ID:	11027
Cytogenetics:	19q13.42
MW:	50 kDa
Gene Summary:	<p>This gene encodes a member of a family of immunoreceptors that are expressed predominantly on monocytes and B cells, and at lower levels on dendritic cells and natural killer cells. The encoded protein is an activating receptor that inhibits dendritic cell differentiation and antigen presentation and suppresses innate immune response. Alternatively spliced transcript variants encoding different isoforms have been found. This gene is located in a cluster of related genes on chromosome 19 and there is a pseudogene for this gene on chromosome 3. [provided by RefSeq, Mar 2014]</p> <p>Transcript Variant: This variant (3) lacks in-frame exons in the 5' and 3' coding regions, compared to variant 1. The encoded isoform (c) is shorter than isoform a.</p>