

Product datasheet for **SC115818**

LILRA3 (NM_006865) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LILRA3 (NM_006865) Human Untagged Clone
Tag:	Tag Free
Symbol:	LILRA3
Synonyms:	CD85E; HM31; HM43; ILT-6; ILT6; LIR-4; LIR4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_006865 edited
GAATTCGGCACCAGCAGATGCGTCTCTGCTGACCTGAGTCTGCCCTGCACCATGGACCTG
CATTTTCCCTGAAGCATCTCCACGACGGATGAGATGACTGGCCATGGGCTGAGTCTGAGC
TTCAGGACCCATGTGCAGGCAGCTCAGCCTGGGCTGCACAGCCAGGTGTCAGGTGCGTCT
CTGCTGATCTGAGTCCACCCTGCAGCATGGACCTGCATCTTCCCTGAAGGATCTCCAGGG
CTGGAGGGACGACTGCCATGCCCTACAGGAAAAGACAGCCAGGCTCCTGGGAGGGCAGTTC
CACTTCTGTGTGGCTGCAGATGACAAAACCCCATGAGAAGAAGGACCGAGCCTCCAAGT
GTCCACACCCTGTGTCTCTGTCTGCTGCCAGCACCGAGGGCTCATCCATCCACAGAGCA
GTGCAGTGGGAGGAGACGCCATGACCCCATCCTCACGGTCTGATCTGTCTCGGGCTGA
GCCTGGACCCAGGACCCACGTGCAGGCAGGGCCCTCCCAAGCCACCCTCTGGGCTG
AGCCAGGCTCTGTGATCACCAAGGGAGTCTGTGACCCTCAGGTGTCAGGGGAGCCTGG
AGAGCAGGAGTACCATCTATATAGAGAAAAGAAAACAGCACTCTGGATTACACGGATCC
CACAGGAGCTTGTGAAGAAGGGCCAGTTCCTCATCCTATCCATCACCTGGGAACATGCAG
GGCGGTATTGCTGATCTATGGCAGCCACACTGCAGGCCTCTCAGAGAGCAGTGACCCCT
TGGAGCTGGTGGTGACAGGAGCCTACAGCAAACCCACCCTCTCAGCTCTGCCAGCCCTG
TGGTGACCTCAGGAGGGAATGTGACCATCCAGTGTGACTCACAGGTGGCATTGTAGGGT
TCATTCTGTGAAGGAAGGAGAAGATGAACACCCACAATGCCTGAACTCCCATTCCTCATG
CCCGTGGGTATCCCGGGCCATCTTCTCCGTGGGCCCCGTGAGCCCAAGTCGCAGGTGGT
CGTACAGGTGCTATGGTTATGACTCGCGCGCTCCCTATGTGTGGTCTCTACCCAGTGATC
TCCTGGGGCTCCTGGTCCCAGGTGTTTCTAAGAAGCCATCACTCTCAGTGCAGCCGGGTC
CTGTCGTGGCCCTGGGAGAAGCTGACCTTCCAGTGTGGCTCTGATGCCGGCTACGACA
GATTTGTTCTGTACAAGGAGTGGGGACGTGACTTCCAGTGTGGCTCTGATGCCGGCTACGACA
AGGCTGGGCTCTCCAGGCCAATTACCCCTGGGCCCTGTGAGCCGCTCCTACGGGGGCC
AGTACACATGCTCCGGTGCATACAACCTCTCCTCCGAGTGGTCCGCCCCAGCGACCCCT
TGGACATCCTGATCACAGGACAGATCCGTGCCAGACCCTTCTCTCCGTGCGGCCGGGCC
CCACAGTGGCCTCAGGAGAGAACGTGACCCTGCTGTGTCAGTACAGGGAGGGATGCACA
CTTTCTTTTGACCAAGGAGGGGGCAGCTGATTCCTCCGCTGCGTCTAAAAATCAAAGCGCC
AATCTCATAAGTACCAGGCTGAATTCCTCATGAGTCTGTGACCTCGGCCACGCGGGGA
CCTACAGGTGCTACGGCTCACTCAGCTCCAACCCCTACCTGCTGACTCACCCAGTGACC
CCCTGGAGCTCGTGGTCTCAGGAGCAGCTGAGACCCTCAGCCCACCACAAAACAAGTCCG
ACTCCAAGGCTGGTGTGAGTGGGAGATGCTTGCCGTGATGACGCTGGGCACAGAGGGTCA
GTCTGTCAAGAGGAGCTGGGTGCTCCTGGTGGACATTTGAAGAATTATATTCTTTCAA
CTTGAAGAATTATCAACACCTTAAACAATGTATATGTGAAGTACTTTATTCTTTTCATAT
TTTAAAAATAAAAAGATAATTATCCATGAGAAAGCTAAAAAAAAAAAAAAAAAAAACTCGAC

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_006865 unedited
 CACAATAGTATACGACTCACTATAGGGCGGCCGGAATTCGCACCAGCAGATGCTGTCTC
 TGCTGACCTGAGTCTGCCCTGCACCATGGACCTGCATTTTCCCTGAAGCATCTCCACGAC
 GGATGAGATGACTGGCCATGGGCTGAGTCTGAGCTTCAGGACCCATGTGCAGGCAGCTCA
 GCCTGGGCTGCACAGCCAGGTGTAGGTGCGTCTCTGCTGATCTGAGTCCACCCTGCAGC
 ATGGACCTGCATCTTCCCTGAAGGATCTCCAGGGCTGGAGGGACGACTGCCATGCCCTAC
 AGGAAAGACAGCCAGGCTCCTGGGAGGGCAGTTCCAATTCTGTGTGGCTGCAGATGACA
 AAACCCCATGAGAAGAAGGACCGAGCCTCCAAGTGTCCACACCCTGTGTCTCTGTCC
 TGCCAGCACCCGAGGGCTCATCCATCCACAGAGCAGTGCAGTGGGAGGAGACGCCATGACC
 CCCATCTCACGGTCTGATCTGTCTCGGGCTGAGCCTGGACCCAGGACCCACGTGCAG
 GCAGGGCCCTCCCAAGCCACCCTCTGGGCTGAGCCAGGCTCTGTGATCACCAAGGG
 AGTCTGTGACCCTCAGGTGTGAGGGGAGCCTGGAGACGCAGGAGTACCATCTATATAGA
 GAANAGAAAACAGCACTCTGGATTACACGGATCCACAGGAGCCTTGTGAAGAAGGGCCA
 GTTCCCCATCTTATCATACCCTGGAACATGCAGGGCGGTATTGCTGTATCTATTGCAG
 CCCCCTGACAGCCTCTCAGAGAGCAGTACCCCTGGAGCTGTTGGTGACAGGAGCCTA
 CCGNAAAACACCTTTAGCTCTGCCACCCCTGGGGTACCTCAGGAGGAATGGGACC
 ATCCAGTGTGACTCACAGTGCCATTTGATGGCTCTTTCTGGTAAGGAAGGAGACCAGACC
 CC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_006865 unedited
 NGGGGGNNNNNNNTTTTTNNNNANAATGACTTGNACCCGGCCCATACTAGATCGAGT
 TTTTTTTTTTTTTTTAGCTTCTCATGGATAATTATCTTTTATTTTTAAAATATGAA
 AGAATAAAGTACTTCACATATACATTGTTAAAGGTGTTGAATAATTCTTCAAGTTGGAAT
 GAATATAATTCTTCAAATGTCCACCCAGGACACCCAGCTCCTCTTGACAGGACCTGACCC
 TCTGTGCCAGCGTCATCACGGCAAGCATCTCCTCACTACCAGCCTTGGAGTCGGACTT
 GTTTTGTGGTGGGCTGAGGGTCTCAGCTGCTCCTGAGACCACGAGCTCCAGGGGGTCACT
 GGGGTGAGTCAGCAGGTAGGGTGGAGCTGAGTGAGCCGTAGCACCTGTAGGTCCCCGC
 GTGGGCCGAGGTCACAGGACTCATGGGGAATCAGCCTGGTACTTATGAGATTGGCGCTT
 TGATTNTAGACGCAGCGGGAATCAGCTGCCCTCCTTGGTCAAAGGAAAAGTGTGAT
 CCCTCCCTGTGACTGACACAGCAGGGTACGTTTCTCCTGANGCCACTGTGGNGCCCCG
 CCGCANCGAGAGGAAGGGTCNNTGCACGATCTGTCTGTGATCAGGATGTCCAGGGGGGT
 CGCTGGGGCCGACCACTNCCGAGAGAGTTGTATGCACCGNAGCATGTGTACTGNNCCC
 CCGTANGGAGCGCTCACAGGCCCCAGGTGAAGTTNGCCCTGGGAGAGCCCANNCTTGG
 GCTGCCGNCCCAGGCCCTGNANGAAGTACGTTCCCACTCCTTGTACAGAACAAATCTG
 TCGTAGCCGGCATCAGACCACACTGGNAAGTACGTTCTCCCAAGGGGCCACAACAGGAC
 CCNGNTGACTGAAAAGTGAGGGCTTCTTAAAACCCCTTGGCACAGGAGCCCCAGGAAACA
 CTGGGTAAAGACCACCATAGGGACCCCGGTCTTACCCTAAACACTGACGACCCTGC
 GACTGGG

Restriction Sites:

NotI-NotI

ACCN:

NM_006865

Insert Size:

2140 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: [NM_006865.2](#), [NP_006856.2](#)

RefSeq Size: 1624 bp

RefSeq ORF: 1320 bp

Locus ID: 11026

UniProt ID: [Q8N6C8](#)

Cytogenetics: 19q13.4

Domains: ig, IGc2, IG

Protein Families: Secreted Protein

Gene Summary: This gene encodes a member of a family of immunoreceptors that are expressed predominantly in monocytes and B cells, and at lower levels in dendritic cells and natural killer cells. The encoded protein lacks the transmembrane region found in other members of this family. It acts as a soluble receptor for class I major histocompatibility complex (MHC) antigens. Alternatively spliced transcript variants encoding different isoforms have been found. This gene is located in a cluster of related genes on chromosome 19 and is polymorphic in human populations, with many individuals containing a deletion of this genomic region. [provided by RefSeq, Mar 2014]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).