

Product datasheet for **SC215773**

LAIR1 (NM_021706) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	LAIR1 (NM_021706) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	LAIR1
Synonyms:	CD305; LAIR-1
ACCN:	NM_021706
Insert Size:	2000 bp



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Insert Sequence: >SC215773 3'UTR clone of NM_021706
 The sequence shown below is from the reference sequence of NM_021706. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATCACGTATGCAGCCGTTGCCAGACACTGACCCCATACCCACCTGGCCTCTGCACCTGAGGGTAGAAAG
TCACTCTAGGAAAAGCCTGAAGCAGCCATTTGGAAGGCTTCTCTGTTGGATTCTCTTCATCTAGAAAAGC
CAGCCAGGCAGCTGTCTGGAGACAAGAGCTGGAGACTGGAGGTTTCTAACCCAGCATCCAGAAGGTTCCG
TTAGCCAGGTGGTCCCTTCTACAATCGAGCAGCTCCTGGACAGACTGTTTCTCAGTTATTTCCAGAGA
CCCAGCTACAGTTCCTGGCTGTTTCTAGAGACCCAGCTTTATTACCTGACTGTTTCCAGAGACCCAG
CTAAAGTCACCTGCCTGTTCTAAAGGCCAGCTACAGCCAATCAGCCGATTTCTGAGCAGTGATGCCA
CCTCCAAGCTTGTCTAGGTGTCTGCTGTGAACCTCCAGTGACCCAGAGACTTTGCTGTAATTATCTG
CCCTGCTGACCCTAAAGACCTTCTAGAAAGTCAAGAGCTAGCCTTGAGACTGTGCTATACACACACAGC
TGAGAGCCAAGCCAGTTCTCTGGGTTGTGCTTTACTCCACGCATCAATAAATAATTTTGAAGGCCCTCA
CATCTGGCAGCCCGAGGCTGGTCTGGGTGCATAGGTCTCTCGACCCACTCTCTGCCTTCACAGTTG
TTCAAAGCTGAGTGAGGGAAACAGGACTTACGAAAACGTGCAGCGTTTTCTTTTAAAAATTTAATTGA
TCAGGATTGTACGTATTCAGGTGTAATAATGTGATAATTTGTCGTACACGTACATTGTGCAATGACAGT
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TAGGACTTCACATTGGTGTCAAGTGTGTTTCTGACAAATCACGTGTATCAGGAATGAATGAGGGAGGTGTG
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TCACACATGCATACACACAGCACACACAGACATGCACATACACTCACAGCCCGAGAAATCCA
AGGAATCACTGAGCCTGCTGTTGGTTGAGGCATTTCTGAGTATCCACCCTACCTGTAGGGTCAGATGTA
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GCCTGGGCGACAGAGCGAGACTCCGTCAAAAAAGAAAAGAAAAGAAAAGAAAGATTTTTAAGAATTCAG
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GAGACATGAAGTAACCTGTCCAAGTCCGCCAAGTCTCAGAGACAGGGGCTTCAGACCCACCTGAGGCT
CCTGACTCCACATTATGAACCCGGGATGGGCTGCAGCTCGGTCTGCTGGGAGGTTTCTGTGCTGGTTC
AAAGAGGGTGGTACCTGACTGGCCTACCAATTTAATTTGACTGAGCTTAAATTTTCTATTTGTGCT
CAGGTTAATTTCTCTGGGATCTGCTCCCAGTGCTGTACTCTGTATCTTTGCTTTCTGTGTGAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_021706.5](#)

Summary:

The protein encoded by this gene is an inhibitory receptor found on peripheral mononuclear cells, including natural killer cells, T cells, and B cells. Inhibitory receptors regulate the immune response to prevent lysis of cells recognized as self. The gene is a member of both the immunoglobulin superfamily and the leukocyte-associated inhibitory receptor family. The gene maps to a region of 19q13.4 called the leukocyte receptor cluster, which contains at least 29 genes encoding leukocyte-expressed receptors of the immunoglobulin superfamily. The encoded protein has been identified as an anchor for tyrosine phosphatase SHP-1, and may induce cell death in myeloid leukemias. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]

Locus ID:

3903

MW:

74.2