

Specifications:

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|----------------|------------------|
| Gene: | mLilra5 |
| Accession: | NP_001074708 |
| Insert size: | 901bp |
| Concentration: | 10µg at 0.2µg/µL |

**mLILRC1 cDNA
Plasmid**

Lilra5 leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 5 [*Mus musculus* (house mouse)]

Also known as: Gm4878; Lilrc1; EG232801; E030017K20

Summary:

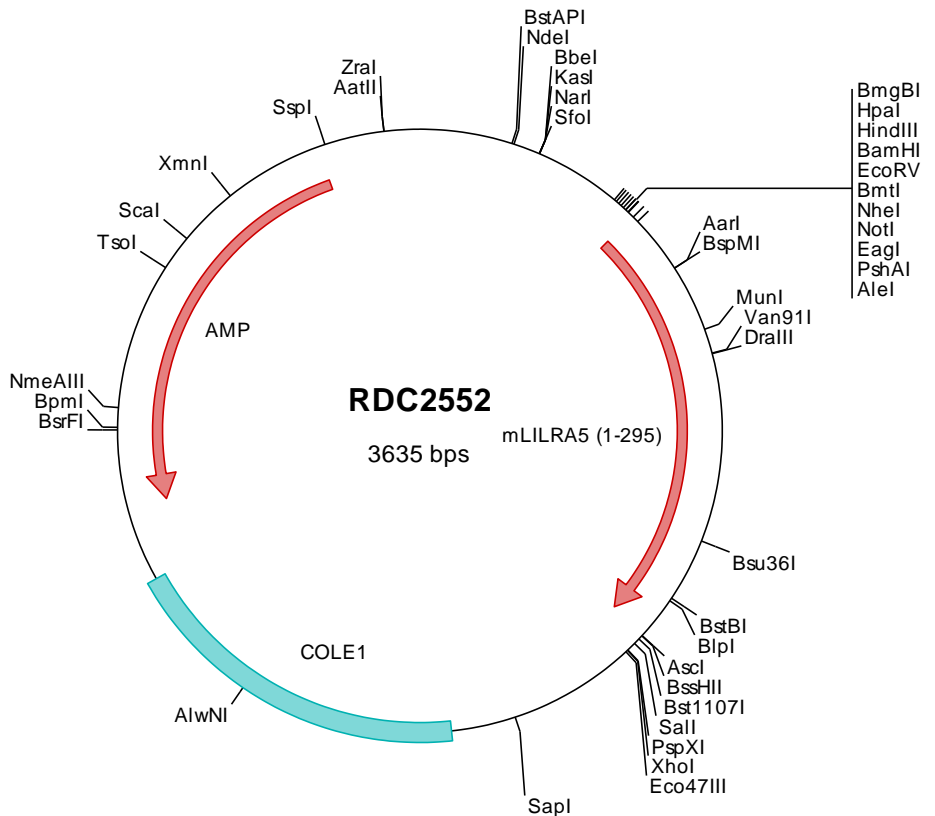
LILRA5/LILRC1 is a member of the leukocyte immunoglobulin-like receptor (LIR) family. LIR family members are known to have activating and inhibitory functions in leukocytes. LILRA5 is expressed on monocytes and perhaps neutrophils, and its activation results in the secretion of proinflammatory cytokines such as TNFα and IL 1b.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

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|-------------|---|
| Formulation | cDNA is provided in 10 mM Tris-Cl, pH 8.5 |
| Shipping | Ships at ambient temperature |
| Stability | 1 year from date of receipt when stored at -20°C to -80°C |
| Storage | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. |



> RDC2552 Plasmid DNA Sequence

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1 tcgctgctgtt cggatgatgac ggtgaaaaac totgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgcatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301 tacgccagct ggcgaaaagg ggatgtgctg caagycgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgatt
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501 agagacctcc atgtcgggaag ggaatcccca caagccaacc cttagttctc agccaggatt ggtggttgcc aaagggaagc aggtgacctt ctcatgtgag
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3501 ttgaatgat ttgaaaaaat aacaaaatag gggttccgcg cacatttccc cgaaaagtgc cacctgacgt ctaagaaacc attattatca tgacattaac
3601 ctataaaaat aggcgatca cgagccctt tcgtc

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> RDC2552 Translated Insert Sequence

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201 hvnspqvwee psdilleihvs eadqplrpss nisdpktvsq pnyntmenli rmgasilvlv llgvllfeaq hsrqtqhaa gressasfmv adtwe

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