

Specifications:

Gene:	<i>hMIXL1</i>
Accession:	NP_114150
Insert size:	711bp
Concentration:	10µg at 0.2µg/µL

**hMIXL1 cDNA
Plasmid**

**MIXL1 Mix paired-like
homeobox [*Homo sapiens*
(human)]**

Also known as: MIX; MIXL; MILD1

Summary:

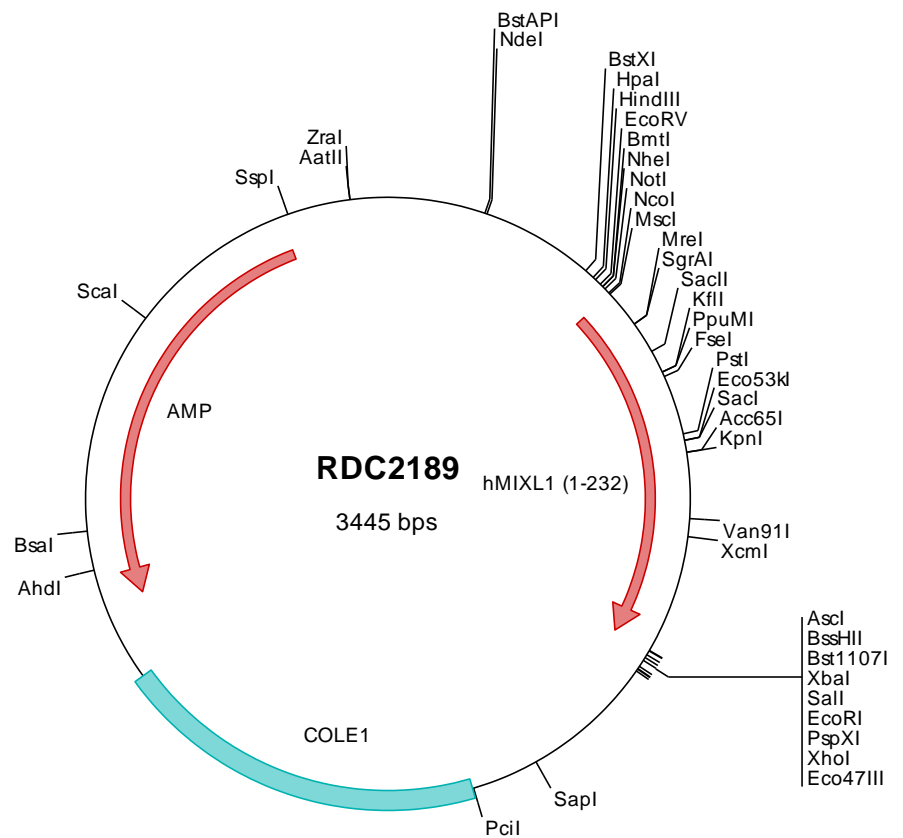
MIXL1 is a member of the paired-like homeodomain protein family. It is expressed in the primitive streak of the gastrulating embryo, and marks cells destined to form mesoderm and endoderm. It is also expressed in differentiating embryonic stem cells, immature B and T lymphocytes during normal hematopoiesis, and several B, T or myeloid lineage acute leukemias.

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

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.



> RDC2189 Plasmid DNA Sequence

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1   tcgcgcgctt  cggatgatgac  ggtgaaaacc  tctgacacat  gcagctcccc  gagacgggtca  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccc
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> RDC2189 Translated Insert Sequence

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101  lelvrfrtry pdihlrerla altllpesri qwvfqnrrak srrqsgksfq plarpeiiln hcaggtetkc lkpqlplevd vnclpepnav ggisdssss
201  gqnfetcspl sedigsklds weehifsafg nf

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