

Specifications:

Gene:	<i>hLMBR1L</i>
Accession:	NP_060583.2
Insert size:	1483bp
Concentration:	10µg at 0.2µg/µL

*h*LMBR1L cDNA Plasmid

**LMBR1L limb development
membrane protein 1 like [Homo
sapiens (human)]**

Also known as: LIMR

Summary:

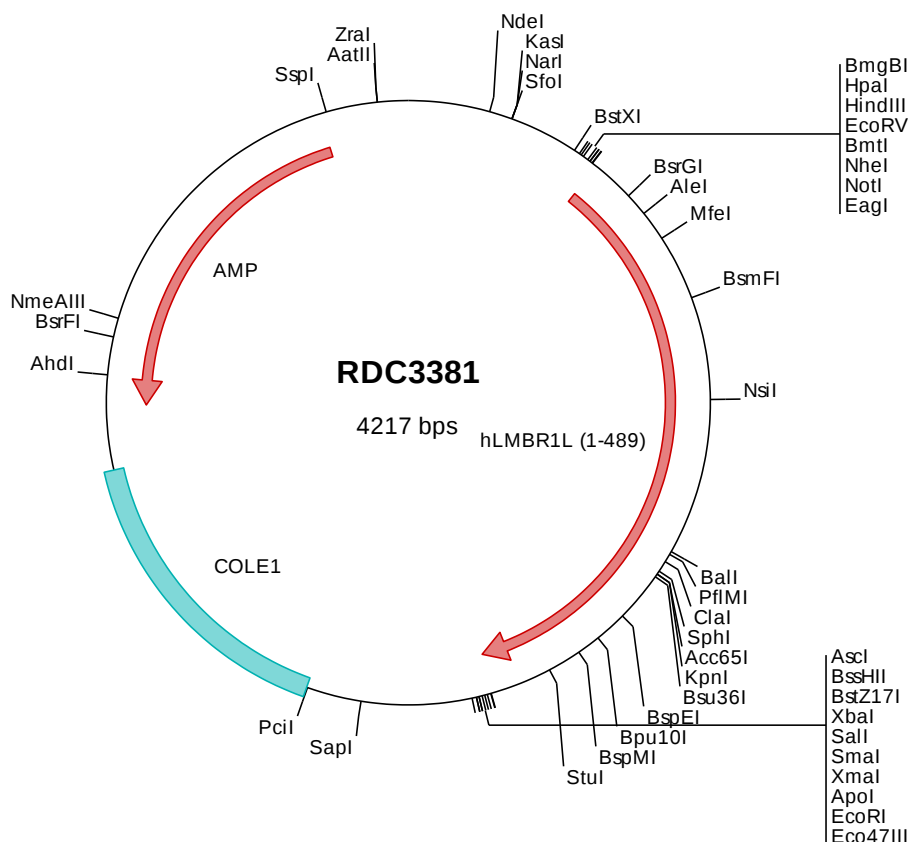
LMBR1L plays an essential role in lymphocyte development by negatively regulating the canonical Wnt signaling pathway. In association with UBAC2 and E3 ubiquitin-protein ligase AMFR, LMBR1L promotes the ubiquitin-mediated degradation of CTNNB1 by stabilizing the beta-catenin destruction complex that is required for regulating CTNNB1 levels. It also acts as a LCN1 receptor and can mediate its endocytosis.

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC3381 Plasmid DNA Sequence

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1   tcgcgcgctt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccc
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaagg ggatgtgctg caaggcgatt aagtttggga atgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atggaagcac ctgactacga agtgctatcc gtgcgagaac agctattcca
501  cgagaggatc cgcgagtgta ttatatcaac acttctgttt gcaacactgt acatcctctg ccacatcttc ctgacccgct tcaagaagcc tgcgtagttc
601  accacagtgg atgatgaaga tgcaccgcgc aacaagattg cgctcgagct gtgcaccttt accctggcaa ttgccctggg tgcgtgctcg ctectgccct
701  tctccatcat cagcaatgag gtgctgctct cctgcctcgc gaactactac atccagtggc tcaacggctc cctcatccat ggccctggga acctgttttt
801  tctctctccc aacctgtccc tcatcttctt catgcccttt gcatatttct tcaactgagtc cgagggtctt gctggctcca gaaaggggtg cctgggcccgg
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> RDC3381 Translated Insert Sequence

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1   meapdyevls vreqlfheri reciistllf atlyilchif ltrfkpae f ttvddedatv nkialelctf tlaialgavl llpfsiisne vllslprnyy
101  iqwlngslis glwnlvflfs nlsliflmpf ayfftesegf agsrkgvlgr vyetvumlml ltllvlgmvw vasaivdknk anreslydfw eyylypylsc
201  isflgvllll vctplglarm fsvtgklivk prlledleeq lycsafeaaa ltrricnpts cwlpldmell hrqvlalqtq rvllekrkka sawqrnlgy p
301  lamlcilvlt glsvli vaih ilellidea mprgmqgtsl gqvfskllgs fgaviqvpli fylmvssvvg fyssplfrsl rprwhdtamt qiigncvcll
401  vlssalpvfs rtlgltrfdl lgdfgrfnwl gnfyivflyn aafaglttlc lvktftaavr aelirafgld rlpplvsgfp qasrktqh q

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