

## Product datasheet for **SC202745**

### Relaxin 2 (RLN2) (NM\_134441) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Relaxin 2 (RLN2) (NM_134441) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RLN2
Synonyms:	bA12D24.1.1; bA12D24.1.2; H2; H2-RLX; RLXH2
ACCN:	NM_134441
Insert Size:	264 bp
Insert Sequence:	>SC202745 3'UTR clone of NM_134441 The sequence shown below is from the reference sequence of NM_134441. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC ACCAAAAGATCTCTTGCTAGATTTTGTGATGAAGCTAATTGTGCACATCTCGTATAATATTCACAC ATATTCTTAATGACATTTCACTGATGCTTCTATCAGGTCCCATCAATTCTTAGAATATCTAAGAATCTT TGTTAGATATTAGTCCCATCAATTCTTAGAATATCTAAACATCTTTGTTGATGTTTAGATTTTTTAT TTGATGTGTAAGAAAATGTTCTTTGTGTGATTAATGACACATTTTTTTGCTGAAAA ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG  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:	<u><a href="#">NM_134441.3</a></u>



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**Summary:**

This gene encodes a member of the relaxin subfamily and insulin superfamily of peptide hormones. In humans there are three non-allelic relaxin genes. This gene encodes multiple protein isoforms, at least one of which undergoes proteolytic processing. This processing generates relaxin A and B chains that are linked by disulfide bonds to form the mature peptide hormone. This hormone plays a role in the male and female reproductive systems and was initially noted for its role in pregnancy. This protein also plays broader roles in the cardiovascular system, including in the regulation of blood pressure and control of heart rate, and data from animal models shows that this protein may have anti-fibrotic and cardioprotective effects. [provided by RefSeq, Jul 2016]

**Locus ID:**

6019

**MW:**

10.5