

## Product datasheet for **SC203617**

### Relaxin 1 (RLN1) (NM\_006911) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Relaxin 1 (RLN1) (NM_006911) Human 3' UTR Clone
Symbol:	Relaxin 1
Synonyms:	bA12D24.3.1; bA12D24.3.2; H1; H1RLX; RLXH1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006911
Insert Size:	351 bp
Insert Sequence:	<p>&gt;SC203617 3'UTR clone of NM_006911</p> <p>The sequence shown below is from the reference sequence of NM_006911. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGCCGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
ACCAAAAGGTCTCTTGCTAAATATTGCTAGATGAAAGCTAATTGTGCACATCTTGCTAATTTTCACAC
ATAGTCTTGATGACATTTCACTGATGCTTCTGTCAGGTCCCACTAATTATTAGAATATAAGAAATCTTT
ATTAATGTTTAGATTTTTCATTTGGTGTGTAAGAAAATATTCTTTGTATGATTGTAGTTTCTGTAAATG
ACACTTTCTATGCTGAAGTCTTTTGTCTTTTATTAACAGTATAATTGTGTTGATTCTTTTAATGCT
GTTAACTTAAATTAACAATAAACCTTTGCCACTTTAACCATACATAATAACAATACAGTACCTAACAA
CAGTTA
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

Restriction Sites:	Sgfl-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.


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RefSeq: [NM\\_006911.4](#)

**Summary:** Relaxins are known endocrine and autocrine/paracrine hormones, belonging to the insulin gene superfamily. In humans there are three non-allelic relaxin genes, RLN1, RLN2 and RLN3, where RLN1 and RLN2 share high sequence homology. The protein encoded by this gene is synthesized as a single-chain polypeptide but the active form consists of an A chain and a B chain linked by disulfide bonds. Relaxin is produced by the ovary, and targets the mammalian reproductive system to ripen the cervix, elongate the pubic symphysis and inhibit uterine contraction. It may have additional roles in enhancing sperm motility, regulating blood pressure, controlling heart rate and releasing oxytocin and vasopressin. [provided by RefSeq, Jan 2013]

Locus ID: 6013

MW: 13.7