

# Recombinant Human RLN1

Catalog No: #GP11938



Package Size: #GP11938-1 100ug

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## Description

Product Name	Recombinant Human RLN1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 56-158 amino acids of human relaxin 1
Target Name	relaxin 1
Other Names	H1; H1RLX; RLXH1; bA12D24.3.1; bA12D24.3.2
Accession No.	Swissprot:P04808Gene Accession:BC005956
Uniprot	P04808
GeneID	6013;
Storage	-20~-80°C, pH 7.6 PBS

## Background

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.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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