

## RLN1 抗原（重组蛋白）

中文名称： RLN1 抗原（重组蛋白）

英文名称： RLN1 Antigen (Recombinant Protein)

别 名： relaxin 1; H1; H1RLX; RLXH1; bA12D24.3.1; bA12D24.3.2

储 存： 冷冻（-20℃）

相关类别： 抗原

### 概述

Fusion protein corresponding to a region derived from 56-158 amino acids of human RLN1

### 技术规格

<b>Full name:</b>	relaxin 1
<b>Synonyms:</b>	H1; H1RLX; RLXH1; bA12D24.3.1; bA12D24.3.2
<b>Swissprot:</b>	P04808
<b>Gene Accession:</b>	BC005956
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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.