

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

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

bit uterine contraction. It may have additional roles in enhancing sperm motility, regulating blood pressure, controlling heart rate and releasing oxytocin and vasopressin.