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RLN2 Human, Sf9

Relaxin-2 Human Recombinant, Sf9
RCP1876

Product Overview

Name	RLN2 Human, Sf9

Description

Relaxin-2 Human Recombinant, Sf9

Accession (Primary)	P04090

Synonyms

Relaxin 2, Relaxin, Ovarian, Of Pregnancy, Prorelaxin H2, Relaxin H2, H2-Preprorelaxin, Relaxin 2 (H2), BA12D24.1.1, BA12D24.1.2, H2-RLX, RLXH2, H2.

Introduction

Prorelaxin H2 (RLN2) is a member of the insulin gene superfamily. This family which is produced by the ovary, targets the mammalian reproductive system to ripen the cervix, elongate the pubic symphysis and inhibit uterine contraction. It may also have other roles in boosting sperm motility, regulating blood pressure, controlling heart rate and releasing oxytocin and vasopressin. RLN2 is a peptide hormone linked to several therapeutically relevant physiological effects, including regulation of collagen metabolism and multiple vascular control pathways. The active form of the RLN2 protein consists of an A chain and a B chain linked by disulfide bonds.

Source

Sf9, Baculovirus cells.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

RLN2 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 85.0% as determined by SDS-PAGE.

Amino acid sequence

ADP DSWMEEV IKLCGRELVR AQIAICGMST WSKRSLSQED APQTPRPVAE IVPSFINKDT ETINMMSEFV ANLPQELKLT LSEMQPALPQ LQQHVPVLKD SSLLFEEFKK LIRNRQSEAA DSSPSELKYL GLDTHSRKKR

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QLYSALANKC CHVGCTKRSL ARFC HHHHHH .

Precautions

RLN2 Human, Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P04090)