9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

RLN2 Human

Relaxin-2 Human Recombinant
RCP1875

Product Overview

Name	RLN2 Human
Description	
Relaxin-2 Human Recombinant	
Accession (Primary)	P04090
Synonyms	
Prorelaxin H2, RLN2, H2, RLXH2, H2-RLX, bA12D24.1.1, bA12D24.1.2.	
Introduction	
Prorelaxin H2 (RLN2) is a member of a 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 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	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
RLN2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea 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	
MGSSHHHHHH SSGLVPRGSH MGS DSWMEEV IKLCGRELVR AQIAICGMST WSKRSLSQED APQTPRPVAE IVPSFINKDT ETINMMSEFV ANLPQELKLT LSEMQPALPQ LQQHVPVLKD SSLLFEEFKK LIRNRQSEAA DSSPSELKYL GLDTHSRKKR QLYSALANKC CHVGCTKRSL ARFC.	

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Precautions

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

Target Information: (P04090)