

32-13386: RLN2 Human, Sf9

Alternative Name : 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.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

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.

RLN2 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 170 amino acids (25-185a.a.) and having a molecular mass of 19.3kDa (Molecular size on SDS-PAGE will appear at approximately 18-28kDa).RLN2 is expressed with a 6 amino acids His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	RLN2 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	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.
Amino Acid :	ADPDSWMEEV IKLCGRELVR AQIAICGMST WSKRSLSQED APQTPRPVAE IVPSFINKDT ETINMMSEFV ANLPQELKLT LSEMQPALPQ LQQHVPVLKD SLLFEEFKK LIRNRQSEAA DSSPSELKYL GLDTHSRKKR QLYSALANKC CHVGCTKRSL ARFCHHHHHH.