

Recombinant Human Relaxin 2

Cat. No. RLN2-172H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	E.coli
Description	Relaxin-2 (RNL2) is one of the 7 peptides of Relaxin which is an insulin-related peptide hormone. Relaxin is produced by the corpus luteum of the ovary, the breast during pregnancy, the placenta, the chorion, and the decidua. In the male it is produced in the prostate and is present in human semen. Relaxin is mainly known to enhance sperm motility of sperm in semen.
State Of Matter	Lyophilized.
Purity	>97% by SDS Page and analyzed by silver stain.
Endotoxin	<1.0 EU/g as determined by the LAL method.
Storage	This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. See Product Insert for exact lot specific storage instructions.

GENE INFORMATION

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Gene Name	RLN2 relaxin 2 [Homo sapiens]
Synonyms	RLN2; relaxin 2; H2; RLXH2; bA12D24.1.1; bA12D24.1.2; prorelaxin H2; Prorelaxin H2; OTTHUMP00000021027; relaxin 2 (H2); relaxin H2; relaxin, ovarian, of pregnancy; RLXH2; bA12D24.1.1; bA12D24.1.2
Gene ID	6019
mRNA Refseq	NM_005059
Protein Refseq	NP_005050
MIM	179740
UniProt ID	P04090
Chromosome Location	9pter-q12
Function	hormone activity