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Recombinant Human Relaxin-2
Catalog # PBG10377

Specification

Recombinant Human Relaxin-2 - Product Information

Recombinant Human Relaxin-2 - Additional Information

Description
Relaxin-2 is a peptide hormone structurally related to insulin, which is expressed in the placenta, decidua, prostate, and in the ovary during pregnancy. Of the three known relaxin genes, Relaxin-2 is the only relaxin known to circulate in the blood. Relaxin-2 binds specifically to the LGR7 and LGR8 receptors, previously identified as an “orphan” G protein coupled receptors. Signaling by Relaxin-2 through its target receptors enhances the growth of pubic ligaments and ripening of the cervix during birth. Recombinant Relaxin-2 is a nonglycosylated 6.0 kDa disulfide linked heterodimeric protein consisting of a 24 amino acid A-chain and a 29 amino acid B-chain.

BiologicalActivity
Data Not Available

Authenticity
Verified by N-terminal and Mass Spectrometry analyses (when applicable).

Endotoxin
Endotoxin level is <0.1 ng/ µg of protein (<1EU/ µg).

Protein Content
Verified by UV Spectroscopy and/or SDS-PAGE gel.

Storage
-20°C

Precautions
Recombinant Human Relaxin-2 is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Human Relaxin-2 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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