

Product datasheet

Human Relaxin 1 + 2 peptide ab53454

Description

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| <b>Product name</b>                    | Human Relaxin 1 + 2 peptide  |
| <b>Animal free</b>                     | No   |
| <b>Nature</b>                          | Synthetic  |
| <b>Species</b>                         | Human  |
| <b>Sequence</b>                        | ELVRAQIAICGMST   |
| <b>Additional sequence information</b> | The synthetic peptide is identical for both SwissProt ID: P04808 and P04090. Human Relaxin 2 B chain (aa 14-27). Human Relaxin 1 B chain (aa 16-29). |

Specifications

Our [Abpromise guarantee](#) covers the use of **ab53454** in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

|                     |             |
|---------------------|-------------|
| <b>Applications</b> | ELISA       |
| <b>Form</b>         | Lyophilized |

Preparation and Storage

|                              |  |
|------------------------------|--|
| <b>Stability and Storage</b> | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.<br>Constituent: 0.1% Acetic acid |
| <b>Reconstitution</b>        | Resuspend in 0,1% acetic acid for required concentration   |

General Info

|                              |   |
|------------------------------|---|
| <b>Relevance</b>             | Relaxin is a peptide hormone produced by the corpora lutea of ovaries during pregnancy in many mammalian species, including man. The secretion of the hormone into the blood stream just before parturition results in a marked softening and lengthening of the pubic symphysis and a softening of the cervix, which facilitates the birth process. By inhibiting uterine contractions, relaxin may influence the timing of parturition. Like insulin, relaxin consists of two peptide chains, A and B, covalently linked by disulfide bonds. By further analogy to insulin, the two peptides are synthesized as a single-chain precursor polypeptide with the B chain at the NH <sub>2</sub> -terminus. |
| <b>Cellular localization</b> | Secreted  |

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

### **Our Abpromise to you: Quality guaranteed and expert technical support**

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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