

# Recombinant Human Relaxin 1

Cat. No. RLN1-193H Lot. No. (See product label)

## SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Human Relaxin 1 is produced in <i>Escherichia coli</i> . MW=6.1 kDa.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | E.coli  |
| <b>Description</b>      | Relaxins are known endocrine and autocrine/paracrine hormones, belonging to the insulin gene superfamily. In the human there are three non-allelic relaxin genes, RLN1, RLN2 and RLN3. RLN1 and RLN2 share high sequence homology. This encoded protein is synthesized as a single-chain polypeptide but the active form consists of an A chain and a B chain linked by disulfide bonds; however, their exact cleavage sites have not been described. |
| <b>Purity</b>           | >95% (SDS-PAGE).  |
| <b>Form</b>             | Lyophilized powder.   |
| <b>Storage</b>          | -20°C. Shipped in wet ice.  |

## GENE INFORMATION

|                  |   |
|------------------|---|
| <b>Gene Name</b> | RLN1 relaxin 1 [ <i>Homo sapiens</i> ]  |
| <b>Synonyms</b>  | RLN1; relaxin 1; H1; RLXH1; bA12D24.3.1; bA12D24.3.2; prorelaxin H1; relaxin H1; preprorelaxin H1 |

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|                            |                  |
|----------------------------|------------------|
| <b>Gene ID</b>             | 6013             |
| <b>mRNA Refseq</b>         | NM_006911        |
| <b>Protein Refseq</b>      | NP_008842        |
| <b>MIM</b>                 | 179730           |
| <b>UniProt ID</b>          | P04808           |
| <b>Chromosome Location</b> | 9p24.1           |
| <b>Function</b>            | hormone activity |

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