

## Recombinant Human RLN3 Protein

**Cat. No.** RLN3-341H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human RLN3 was expressed in E. coli.                                                                                         |
| <b>Species</b>          | Human                                                                                                                                    |
| <b>Source</b>           | E.coli                                                                                                                                   |
| <b>Description</b>      | May play a role in neuropeptide signaling processes. Ligand for LGR7, relaxin-3 receptor-1 (GPCR135) and relaxin-3 receptor-2 (GPCR142). |
| <b>Form</b>             | Lyophilized from a 0.2 M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2                                                  |
| <b>Molecular Mass</b>   | 5.5 kDa                                                                                                                                  |
| <b>AA Sequence</b>      | A-chain-DVLAGLSSSCCKWGCSKSEISSLC; B-chain-RAAPYGVRLCGREFIRAVIFT CGGSRW;                                                                  |
| <b>Endotoxin</b>        | Endotoxin level is <0.1 ng/g of protein (<1EU/g).                                                                                        |
| <b>Purity</b>           | >95% as determined by SDS-PAGE and Coomassie blue staining                                                                               |
| <b>Concentration</b>    | Resuspend the protein in the desired concentration in proper buffer                                                                      |

### GENE INFORMATION

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|                 |                                                                                                                                                        |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | RLN3 relaxin 3 [ Homo sapiens ]                                                                                                                        |
| Official Symbol | RLN3                                                                                                                                                   |
| Synonyms        | RLN3; relaxin 3; relaxin 3 (H3); relaxin-3; H3; RXN3; ZINS4; prorelaxin H3; insulin-like 7; insulin-like peptide 7; insulin-like peptide INSL7; insl7; |
| Gene ID         | 117579                                                                                                                                                 |
| mRNA Refseq     | NM_080864                                                                                                                                              |
| Protein Refseq  | NP_543140                                                                                                                                              |
| MIM             | 606855                                                                                                                                                 |
| UniProt ID      | Q8WXF3                                                                                                                                                 |

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