

# Human Relaxin-1 / RLN1 (His Tag) recombinant protein



Catalog Number: 503024

## General Information

### Gene Name Synonym

Relaxin B chain; Relaxin A chain

### Protein Construction

A DNA sequence encoding the human RLN1 (NP\_008842.1) (Met 1-Cys 185) was fused with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 82 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Val 23

### Molecular Mass

The secreted pro form of recombinant human

RLN1 consists of 174 amino acids and predicts a molecular mass of 20 kDa as estimated in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

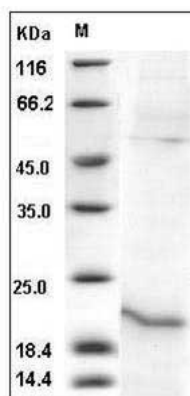
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human Relaxin-1 / RLN1 Protein (His Tag) SDS-PAGE