

Recombinant Full Length Human RLN2 Protein, His-tagged

Cat. No. RLN2-220H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RLN2, transcript variant 1, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a member of the relaxin subfamily and insulin superfamily of peptide hormones. In humans there are three non-allelic relaxin genes. This gene encodes multiple protein isoforms, at least one of which undergoes proteolytic processing. This processing generates relaxin A and B chains that are linked by disulfide bonds to form the mature peptide hormone. This hormone plays a role in the male and female reproductive systems and was initially noted for its role in pregnancy. This protein also plays broader roles in the cardiovascular system, including in the regulation of blood pressure and control of heart rate, and data from animal models shows that this protein may have anti-fibrotic and cardioprotective effects.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	20.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	RLN2 relaxin 2 [Homo sapiens]
Official Symbol	RLN2
Synonyms	RLN2; relaxin 2; relaxin 2 (H2); prorelaxin H2; bA12D24.1.1; bA12D24.1.2; H2; relaxin H2; relaxin; ovarian; of pregnancy; RLXH2; relaxin, ovarian, of pregnancy;
Gene ID	6019
mRNA Refseq	NM_005059
Protein Refseq	NP_005050
MIM	179740
UniProt ID	P04090

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