

Relaxin 2 Recombinant Protein | RLN2 recombinant protein

Relaxin 2 protein

CATALOG #
AAA75598

HOST
Human

PRODUCT SYNONYMS

Relaxin 2; Relaxin 2 protein; Relaxin-2 protein; RLN2 protein; Relaxin-2; H2 relaxin protein; RLN2 recombinant protein

PRODUCT SPECIFICATIONS

Host	Human
Purity/Purification	> 98% pure
Form/Format	Supplied as a lyophilized powder.
Concentration	25 ug lyophilized (varies by lot)
Sequence	Region of Relaxin 2 protein corresponding to amino acids (A-Chain): QL YSALANKCCH VGCTKRSLAR F and (B-Chain): DSWME EVIKLCGREL VRAQIAICGM STWS.
Sequence Length	185
Protein Type	Recombinant
Biological Significance	Relaxin-2 is a peptide hormone structurally related to insulin, which is expressed in the placenta, decidua, prostate, and in the ovary during pregnancy. Of the three known relaxin genes, Relaxin-2 is the only relaxin known to circulate in the blood. Relaxin-2 binds specifically to the LGR7 and LGR8 receptors, previously identified as an orphan G protein coupled receptors. Signaling by Relaxin-2 through its target receptors enhances the growth of pubic ligaments and ripening of the cervix during birth.
Endotoxin Levels	Endotoxin level is less than 0.1 ng per ug (1 EU/ug).
Expression System	E Coli
Preparation and Storage	Store at 4 degree C until reconstitution. Following reconstitution aliquot and freeze at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for RLN2 recombinant protein	Purified recombinant Human Relaxin 2 protein
Product Categories/Family for RLN2 recombinant protein	Hormones & Steroids

NCBI AND UNIPROT INFORMATION

NCBI GI #	116497221
NCBI GeneID	6019
UniProt Accession #	P04090; Q99936; Q9UCX3; Q9UQJ2; A0AVM0
Molecular Weight	6.0 kDa
NCBI Official Full Name	Relaxin 2

NCBI Official Synonym Full Names	relaxin 2
NCBI Official Symbol	RLN2
NCBI Official Synonym Symbols	H2; RLXH2; H2-RLX; bA12D24.1.1; bA12D24.1.2
NCBI Protein Information	prorelaxin H2
UniProt Protein Name	Prorelaxin H2
UniProt Gene Name	RLN2
UniProt Entry Name	REL2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rln2-recombinant-protein-human/75598>