

Datasheet for ABIN935767 **Relaxin 2 Protein (RLN2)**



[Go to Product page](#)

Overview

Quantity:	25 µg
Target:	Relaxin 2 (RLN2)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Sequence:	DSWMEEVIKL CGRELVRAQI AICGMSTWS
Characteristics:	Purified recombinant Human Relaxin 2 protein Expression System: E.coli
Purity:	> 98 % pure
Endotoxin Level:	< 0.1 ng per µg (1 EU/µg).

Target Details

Target:	Relaxin 2 (RLN2)
Alternative Name:	Relaxin 2 (RLN2 Products)
Background:	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

Target Details

the cervix during birth.

Alternative Names: Relaxin-2 protein, Relaxin 2, RLN2 protein, Relaxin-2, Relaxin-2 protein, H2 relaxin protein, Relaxin 2 protein, Relaxin 2

Molecular Weight: 6.0 kDa

Pathways: [Hormone Activity](#)

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Supplied as a lyophilized powder.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C until reconstitution. Following reconstitution aliquot and freeze at -20 °C for long term storage.
