

Product datasheet

Recombinant Human Relaxin 2/RLN2 protein (denatured) ab139240

[1 Image](#)

Description

Product name	Recombinant Human Relaxin 2/RLN2 protein (denatured)
Purity	> 85 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>P04090</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHMGSSHHHHHHSSGLVPRGSHMGSDSWM EEVIKLCGRELVR AQIACGMSTWSKRSLSQEDAPQTPRPVAEMPSFINKDTE TINMMSEFV ANLPQELKLTSEMQPALPQLQQHVPVLKDSSLLFEEFK KLIRNRQSEAA DSSPSELKYLGLDTHSRKKRQLYSALANKCCHVGCTKRS LARFC
Predicted molecular weight	21 kDa including tags
Amino acids	25 to 185
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab139240** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Liquid
Additional notes	This product was previously labelled as Relaxin 2

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 2.4% Urea, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)
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General Info

Function	Relaxin is an ovarian hormone that acts with estrogen to produce dilatation of the birth canal in many mammals. May be involved in remodeling of connective tissues during pregnancy, promoting growth of pubic ligaments and ripening of the cervix.
Tissue specificity	Isoform 1 is expressed in the ovary during pregnancy. Also expressed in placenta, decidua and prostate. Isoform 2 is relatively abundant in placenta. It is in much lower abundance in the prostate gland. Not detected in the ovary.
Sequence similarities	Belongs to the insulin family.
Cellular localization	Secreted.

Images



15% SDS-PAGE analysis of 3 µg ab139240.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish

- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors