abcam

Product datasheet

Recombinant Human Relaxin 2/RLN2 protein (denatured) ab139240

1 Image

Description

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Product name	Recombinant Human Relaxin 2/R	LNZ 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 AQIAICGMSTWSKRSLSQEDAPQTPRPVAEIVPSFINKDTE TINMMSEFV ANLPQELKLTLSEMQPALPQLQQHVPVLKDSSLLFEEFK KLIRNRQSEAA DSSPSELKYLGLDTHSRKKRQLYSALANKCCHVGCTKRS LARFC
Predicted molecular weight	21 kDa including tags	
Amino acids	25 to 185	
Tags	His tag N-Terminus	

Specifications

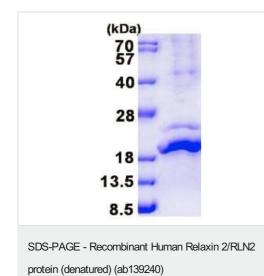
Our Abpromise guarantee covers the use of ab139240 in the following tested applications.

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 HCI, 10% Glycerol (glycerin, glycerine)
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	lsoform 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 <u>https://www.abcam.com/abpromise</u> or contact our technical team.

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