



# SZABO SCANDIC

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## Produktinformation



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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### RLN1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00006013-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human RLN1 full-length ORF (AAH05956.1, 27 a.a. - 185 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

WKDDVIKLCGRELVRAQIAICGMSTWSKRSLSQEDAP  
QTPRPVAEIVPSFINKDTETIIIMLEFIANLPPELKAALSE  
RQPSLPPELQQYVPALKDSNLSFEFEFKKLIRNRQSEAAD  
SNPSELKYLGLDTHSQKRRPYVALFEKCCLIGCTKRS  
LAKYC

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 43.12

**Applications:** AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 6013

**Gene Symbol:** RLN1

**Gene Alias:** H1, RLXH1, bA12D24.3.1, bA12D24.3.2

**Gene Summary:** Relaxins are known endocrine and autocrine/paracrine hormones, belonging to the insulin gene superfamily. In the human there are three

non-allelic relaxin genes, RLN1, RLN2 and RLN3. RLN1 and RLN2 share high sequence homology. This encoded protein is synthesized as a single-chain polypeptide but the active form consists of an A chain and a B chain linked by disulfide bonds; however, their exact cleavage sites have not been described. Relaxin is produced by the ovary, and targets the mammalian reproductive system to ripen the cervix, elongate the pubic symphysis and inhibit uterine contraction. It may have additional roles in enhancing sperm motility, regulating blood pressure, controlling heart rate and releasing oxytocin and vasopressin. This gene has multiple polyadenylation sites. There are multiple alternatively spliced transcript variants described for this gene but their full length nature is not known yet. [provided by RefSeq]