

Prorelaxin 1 (Rln1) Recombinant Protein | Rln1 recombinant protein

Recombinant Rat Prorelaxin 1 (Rln1), partial

CATALOG #
AAA113522

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

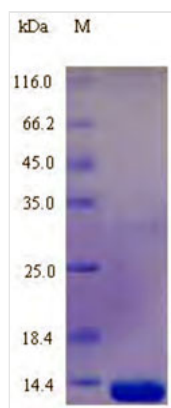
PRODUCT SYNONYMS

Prorelaxin 1 (Rln1); Recombinant Rat Prorelaxin 1 (Rln1); partial; Rln1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	23-57aa, Cytoplasmic domain
Sequence	RVSEEWMDQV IQVCGRGYAR AWIEVCGASV GRLAL
Sequence Length	186
Species	Rat
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

Rat Prorelaxin 1 (Rln1) No tagged; Tag removed (Additional charge required for tag removal service fee. Please inquire) E.coli derived

ADDITIONAL INFORMATION

Related Product Information for Rln1 recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7242203
NCBI GeneID	25616
NCBI Accession #	NP_038199.1
NCBI GenBank Nucleotide #	NM_013413.1
UniProt Accession #	P01347; Q78N50
Molecular Weight	20,489 Da
NCBI Official Full Name	prorelaxin 1
NCBI Official Synonym Full Names	relaxin 1
NCBI Official Symbol	Rln1
NCBI Official Synonym Symbols	RELAX
NCBI Protein Information	prorelaxin 1
UniProt Protein Name	Prorelaxin 1
UniProt Gene Name	Rln1
UniProt Synonym Gene Names	Rln

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.