

Recombinant Rat Rln1 protein, His-tagged

Cat. No. Rln1-5822R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Rln1 aa. (Arg23~Cys186) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Arg23~Cys186
Form	Freeze-dried powder
Molecular Mass	20kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.1.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; ReporterAssays; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less

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than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

100mM NaHCO₃, 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

Reconstitution

Reconstitute in 100mM NaHCO₃, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

[Rln1 relaxin 1 \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[Rln1](#)

Synonyms

RELAX; Relaxin 1 (H1); preprorelaxin; prorelaxin 1

Gene ID

[25616](#)

mRNA Refseq

[NM_013413.1](#)

Protein Refseq

[NP_038199.1](#)

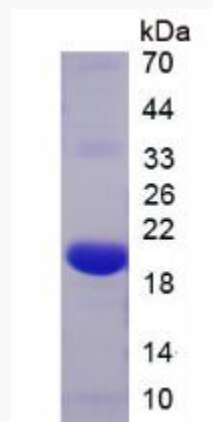
UniProt ID

[Rln1](#)

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SDS-PAGE

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