

Relaxin 2 (RLN2) Recombinant Protein | RLN2 recombinant protein

Recombinant Relaxin 2 (RLN2)

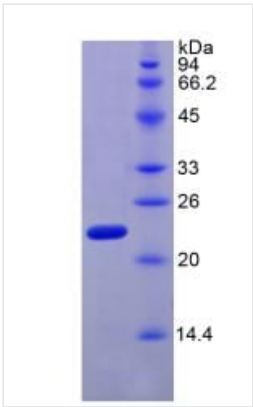
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA134765	E Coli	Homo sapiens (Human)	Immunoprecipitation, Immunoprecipitation, ELISA, Western Blot, SDS-Page

PRODUCT SYNONYMS

Relaxin 2 (RLN2); Recombinant Relaxin 2 (RLN2); RLN2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Applicable Applications for RLN2 recombinant protein	IP (CoImmunoprecipitation), IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Source	Prokaryotic expression.
Residues	Met1~Cys186
Tags	N-terminal His-Tag
Tissue Specificity	Brain, Prostate Gland.
Subcellular Location	Secreted.
Traits	Freeze-dried powder
Predicted isoelectric point	6.7
Predicted Molecular Mass	22.3kDa
Accurate Molecular Mass	22kDa as determined by SDS-PAGE reducing conditions.
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



MPRLFFHLL GVCLLLNQFS RAVADSWMEE VIKLCGRELV RAQIAICGMS
TWSKRSLSQE DAPQTTPRVA EIVPSFINKD TETINMMSEF VANLPQELKL
TLSEMOPALP QLQQHVPVLK DSSLFFEEFK KLIRNRQSEA ADSSPSELKY
LGLDTHSRKK RQLYSALANK CCHVGCTKRS LARFC

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	20143935
NCBI GeneID	6019
NCBI Accession #	NP_005050.2
NCBI GenBank Nucleotide #	NM_005059.3
UniProt Accession #	P04090; Q99936; Q9UCX3; Q9UQJ2; A0AVM0
NCBI Official Full Name	prorelaxin H2 isoform 2
NCBI Official Synonym Full Names	relaxin 2
NCBI Official Symbol	RLN2
NCBI Official Synonym Symbols	H2; RLXH2; H2-RLX; bA12D24.1.1; bA12D24.1.2
NCBI Protein Information	prorelaxin H2; H2-preprorelaxin; relaxin, ovarian, of pregnancy
UniProt Protein Name	Prorelaxin H2
UniProt Gene Name	RLN2
UniProt Entry Name	REL2_HUMAN

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.