

Product datasheet for **TP723376**

Relaxin 2 (RLN2) (NM_005059) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human relaxin 2 (RLN2), transcript variant 2.
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A-Chain: QLYSALANKCCHVGCTKRSLARFC B-Chain: DSWMEEVIKLCGRELVRAQIAICGMSTWS
Tag:	Tag Free
Predicted MW:	6 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μ M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Endotoxin:	Endotoxin level is < 0.1 ng/ μ g of protein (< 1 EU/ μ g)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_005050
Locus ID:	6019
UniProt ID:	P04090
RefSeq Size:	889
Cytogenetics:	9p24.1
RefSeq ORF:	351
Synonyms:	bA12D24.1.1; bA12D24.1.2; H2; H2-RLX; RLXH2



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Summary:

This gene encodes a member of the relaxin subfamily and insulin superfamily of peptide hormones. In humans there are three non-allelic relaxin genes. This gene encodes multiple protein isoforms, at least one of which undergoes proteolytic processing. This processing generates relaxin A and B chains that are linked by disulfide bonds to form the mature peptide hormone. This hormone plays a role in the male and female reproductive systems and was initially noted for its role in pregnancy. This protein also plays broader roles in the cardiovascular system, including in the regulation of blood pressure and control of heart rate, and data from animal models shows that this protein may have anti-fibrotic and cardioprotective effects. [provided by RefSeq, Jul 2016]

Protein Families:

Secreted Protein

Product images: