

OriGene Technologies, Inc.

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Product datasheet for TP760820

Relaxin 2 (RLN2) (NM_134441) Human Recombinant Protein

Product data:

Description:Purified recombinant protein of Human relaxin 2 (RLN2), transcript variant 1, full length, with N-terminal HIS tag, expressed in E. coli, 50ugSpecies:HumanExpression Host:E. coliExpression cDNA Clome or AA Sequence:A DNA sequence encoding human full-length RLN2Tag:N-HisPredicted MW:0.905 µg/µL as determined by microplate BCA methodOncentration:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:O 305 µg/µL as determined by SDS-PAGE and Coomassie blue stainingNote:Sore at 80°C.Storage:Sore at 80°C.Storage:Sore at 80°C.Stability:O 4090Icous D:0.4090Locus D:0.4090Locus D:0.4090Locus D:0.4090Refseq Size:924.1Qtogenetics:924.1Sponyms:0.40204.1.1; hD42D24.1.2; H2: H2: KLX2	Product Type:	Recombinant Proteins
Expression Host:E. coliExpression cDNA CloueA DNA sequence encoding human full-length RLN2Tag:N-HisPredicted MW:20.9 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCI, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerolNote:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Stora 4.80°C.RefSeq:Ne604390Locus ID:019Puinty:Pointon:Puinty:Pointon:Puinty:Pointon:Storage:Ne604390RefSeq:Ne604390Locus ID:019Puinty:Pointon:Puinty:Pointon:Puinty:Pointon:Puinty:Pointon:Puinty:Stabel for 12 months from the date of receipt of the product under proper storage and handing conditions. Avoid repeated freeze-thaw cycles.RefSeq:Ne 604390Locus ID:Pointon:Puinty:PointyPuinty:PointyPuinty:PointyPuinty:PointyPuinty:PointyPuinty:PointyPuinty:PointyPuinty:PointyPuinty:PointyPuinty:PointyPuinty:PointyPuinty:PointyPuinty:PointyPuinty:	Description:	
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or AA Sequence:Tag:N-HisPredicted MW:20.9 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerolNote:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Store at -80°C.Stability:Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 604390Locus ID:6019MiProt ID:P04090RefSeq Size:788Cytogenetics:924.1RefSeq ORF:555	Expression Host:	E. coli
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handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 604390Locus ID:6019UniProt ID:P04090RefSeq Size:788Cytogenetics:9p24.1Sp3555	Storage:	Store at -80°C.
Locus ID: 6019 UniProt ID: P04090 RefSeq Size: 788 Cytogenetics: 9p24.1 RefSeq ORF: 555	Stability:	
UniProt ID: P04090 RefSeq Size: 788 Cytogenetics: 9p24.1 RefSeq ORF: 555	RefSeq:	<u>NP 604390</u>
RefSeq Size: 788 Cytogenetics: 9p24.1 RefSeq ORF: 555	Locus ID:	6019
Cytogenetics: 9p24.1 RefSeq ORF: 555	UniProt ID:	<u>P04090</u>
RefSeq ORF: 555	RefSeq Size:	788
	Cytogenetics:	9p24.1
Synonyms: bA12D24.1.1; bA12D24.1.2; H2; H2-RLX; RLXH2	RefSeq ORF:	555
	Synonyms:	bA12D24.1.1; bA12D24.1.2; H2; H2-RLX; RLXH2



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Selaxin 2 (RLN2) (NM_134441) Human Recombinant Protein – TP760820

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:

116 —	
66 —	
45 —	
35 —	
25 —	-
18	
14 —	

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