

## Product datasheet for **TP723377**

### Relaxin 3 (RLN3) (NM\_080864) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human relaxin 3 (RLN3).
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<b>A-chain</b> -DVLAGLSSSCCKWGCSEISL <b>B-chain</b> -RAAPYGVRLCGREFIRAVIFTGGSRW
Tag:	Tag Free
Predicted MW:	5.5 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 $\mu$ M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Endotoxin:	Endotoxin level is < 0.1 ng/ $\mu$ g of protein (< 1 EU/ $\mu$ g)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_543140</a>
Locus ID:	117579
UniProt ID:	<a href="#">Q8WXF3</a> , <a href="#">B2RU28</a>
RefSeq Size:	452
Cytogenetics:	19p13.12
RefSeq ORF:	426
Synonyms:	H3; insl7; RXN3; ZINS4



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**Summary:**

This gene encodes a member of the relaxin family of insulin-like hormones that is expressed predominantly in the brain and plays a role in physiological processes such as stress, memory and appetite regulation. The encoded protein is a precursor that is proteolytically processed to generate a heterodimeric mature form consisting A and B chains interlinked by disulfide bonds. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2015]

**Protein Families:**

Druggable Genome, Secreted Protein

**Product images:**