

## Product datasheet for **TP761958**

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

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human relaxin 3 (RLN3), full length, with N-terminal GST and C-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding full-length of RLN3
Tag:	N-GST and C-His
Predicted MW:	43.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	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:	<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:**