

Product datasheet for **RN202006**

Rln3 (NM_170667) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rln3 (NM_170667) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rln3
Synonyms:	Insl7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN202006 representing NM_170667 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

**ATGGCAACTCGGGGGCTGCTGCTGGCTTCTGGGCTCTCCTCGGGGCTCTGGTGTCTGCAGCCGAGGCGA
GGCCCGCCCTATGGGGTGAAGCTCTGCGGTCTGGGAGTTCATCCGCGGGTTCATCTTACCTGCGGGG
CTCAGCATGGCGCCGGGGGACATCTTGGCCCACGACCCTCTGGGGGAATTCTTCGCTGATGGAGAAGCC
AATACAGACCACCTGGCCAGCGAACTGGACGAAGCTGTGGGCTCCAGCGAGTGGCTGGCCCTGACCAAT
CCCCCAGGTCTTCTATGGGGTTCGATCCAGCTGGCAAGGGTCTCCCGGAGTGGTTCGGGGCAGCAGAGA
TGTGCTGGCTGGCCTTCCAGCAGCTGTTGCGAGTGGGCTGTAGTAAGAGCCAAATTAGCAGCTTGTGC
TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_170667

Insert Size: 423 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_170667.2</u> , <u>NP_733767.1</u>
RefSeq Size:	470 bp
RefSeq ORF:	423 bp
Locus ID:	266997
UniProt ID:	<u>Q8BFS3</u>
Cytogenetics:	19q11
Gene Summary:	May play a role in neuropeptide signaling processes. Ligand for LGR7, relaxin-3 receptor-1 and relaxin-3 receptor-2 (By similarity).[UniProtKB/Swiss-Prot Function]