

## Product datasheet for **RC220665A1V**

### Human Relaxin 2 (RLN2) (NM\_134441) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human Relaxin 2 (RLN2) (NM\_134441) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** Relaxin 2  
**Synonyms:** bA12D24.1.1; bA12D24.1.2; H2; H2-RLX; RLXH2  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC220665 representing NM\_134441  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCCTCGCCTGTTTTTTTCCACCTGCTAGGAGTCTGTTTACTACTGAACCAATTTCCAGAGCAGTCG  
 CGGACTCATGGATGGAGGAAGTTATTAATATGCGGCCGCGAATTAGTTCGCGCGCAGATTGCCATTTG  
 CGGCATGAGCACCTGGAGCAAAAGGTCTCTGAGCCAGGAAGATGCTCCTCAGACACCTAGACCACTGGCA  
 GAAATTTGTCATCCTTCATCAACAAAGATACAGAAACCATAAATATGATGTCAGAAATTTGTTGCTAATT  
 TGCCACAGGAGCTGAAGTTAACCTGTCTGAGATGCAGCCAGCATTACCACAGCTACAACAACATGTACC  
 TGTATTAAGATTCCAGTCTTCTCTTTGAAGAATTTAAGAACTTATTTCGCAATAGACAAAGTGAAGCC  
 GCAGACAGCAGTCCTTCAGAAATTAATACTTAGGCTTGATACTCATTCTCGAAAAAGAGACAACTCT  
 ACAGTGCATTGGCTAATAAATGTTGCCATGTTGGTTGTACCAAAAGATCTCTTGCTAGATTTTGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC220665 representing NM\_134441  
 Red=Cloning site Green=Tags(s)

MPRLFFHLLGVCLLLNQFSRAVADSWMEVVKLCGRELVRQAIAICGMSTWSKRSLSQEDAPQTPRPVA  
 EIVPSFINKDTETINMMSEFVANLPQELKLTSEMQLPALPQLQHPVLKDSLLFEFFKKLIRNRQSEA  
 ADSSPSELKYLGLDTHSRKKRQLYSALANKCHVGCTKRSLARFC

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human  
**Serotype:** AAV-2


[View online »](#)

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ACCN:         | NM_134441                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ORF Size:     | 555 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Buffer:       | PBS with 0.001% Pluronic F68                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Stability:    | AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus. |
| RefSeq:       | <u><a href="#">NM_134441.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| RefSeq Size:  | 788 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| RefSeq ORF:   | 558 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Locus ID:     | 6019                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| UniProt ID:   | <u><a href="#">P04090</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics: | 9p24.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MW:           | 20.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |