

## Product datasheet for **SC322780**

### **RALY (NM\_016732) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	RALY (NM_016732) Human Untagged Clone
Tag:	Tag Free
Symbol:	RALY
Synonyms:	HNRPCL2; P542
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >OriGene sequence for SC322780  
 GCCCGTGT CAGT GCGGCGGGGCGCGGAGCGGCCAGCTCGGGGCAGCGGAACCCAGAG  
 AAGCTGAGGGGGCGGTAGCGGCGGCGACGGCGACGACGACTCCCGCGGTGTGCCCA  
 GCCTCTTCCCGCCGACGCGCCCTTTTCTCCCTCCCTTACGTCCCCGAGTGGCGCAGTA  
 CCGCCTCTTCCAGCCGCGGGCTTCTCCAGACCTCTCGGCGGGGTGAGCCCTATTC  
 CCAGAGGCAGGTGGTGTGACCTGTAAACCAAAGGAGGAAACAGCTGGTAAGTCATC  
 ATTGTTACTGGTGTACCATGTCTTGAAGCTCAGGCAAGCAATGTAACCAACAAGAA  
 TGACCCCAAGTCCATCAACTCTCGAGTCTTATTGGAAACCTCAACACAGCTCTGGTGAA  
 GAAATCAGATGTGGAGACCATCTTCTAAGTATGGCCGTGTGGCCGGCTGTTCTGTGCA  
 CAAGGGCTATGCCTTTGTTCAGTACTCCAATGAGCGCCATGCCCGGGCAGCTGTGCTGGG  
 AGAGAATGGGCGGGTGTGGCCGGCAGACCCTGGACATCAACATGGCTGGAGAGCCTAA  
 GCCTGACAGACCAAGGGGCTAAAGAGAGCAGCATCTGCCATATACAGTGGCTACATCTT  
 TGACTATGATTACTACCGGGACGACTTCTACGACAGGCTCTTTCGACTACCGGGCCGTCT  
 GTCGCCGTGCCAGTGCCAGGGCGGTCCCTGTGAAGCGACCCCGGGTCACAGTCCCTTT  
 GGTCCGGCGTGTCAAACTAACGTACCTGTCAAGCTCTTTGCCCGCTCCACAGCTGTAC  
 CACCAGCTCAGCCAAGATCAAGTTAAAGAGCAGTGAGCTGCAGGCCATCAAGACGGAGCT  
 GACACAGATCAAGTCCAATATCGATGCCCTGCTGAGCCGCTTGGAGCAGATCGCTGCGGA  
 GCAAAAGGCCAATCCAGATGGCAAGAAGAAGGGTATGGAGGTGGCGCCAGCGGGCGG  
 CGGCGGTGGTGGTGGCAGCGGTGGCGGTGGCAGTGGTGGTGGCGGTGGCGGTGGCAGCAG  
 CCGGCCACCAGCCCCCAAGAGAACACAACCTTCTGAGGCAGGCCCTGCCCCAGGGGGAAGC  
 ACGGACCCGAGACGACGGCGATGAGGAAGGGCTCTGACACACAGCGAGGAAGAGCTGGA  
 ACACAGCCAGGACACAGACGCGGATGATGGGGCCTTGCAGTAAGCAGCCTGACAGGAGCA  
 ATGGCCACCAGCAGGTGAAGGGCATCGCTGCCCCAGGCCTCAAGCCGGGCACCCAAACCT  
 GGATGCCACCCCCCAGCGGGTACCAGAGAAAGCTGGCAGCAGCGCCTCTCCCCCAAC  
 GCATCCCAGCCAGTGCCATGTCTCTGCAAGGTGGAGTTACTGGCCTACTCCTTCCCATG  
 AGCCCTCCCTGTCTGCACTGCCAGGCCAGAGGGTAGAGCACAGGGGTTTCCCATACTA  
 CCTCCCCTCCCCAGGACTCCAGGCTTGGGTTTTTTCTATAGGTTTGGCGGGGGGCCA  
 CAGGGAGGGGACCCTGACAATAAAGAGATTGGATCCCAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_016732

**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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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:**

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:** [NM\\_016732.1](#), [NP\\_057951.1](#)

**RefSeq Size:** 1589 bp

**RefSeq ORF:** 921 bp

**Locus ID:** 22913

**UniProt ID:** [Q9UKM9](#)

**Cytogenetics:** 20q11.22

**Domains:** RRM

**Gene Summary:** This gene encodes a member of the heterogeneous nuclear ribonucleoprotein (hnRNP) gene family. This protein may play a role in pre-mRNA splicing and in embryonic development. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2011]  
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). This isoform is also known as long isoform.