

Product datasheet for **SC127088**

RALY (NM_007367) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RALY (NM_007367) Human Untagged Clone
Tag:	Tag Free
Symbol:	RALY
Synonyms:	HNRPCL2; P542
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_007367, the custom clone sequence may differ by one or more nucleotides

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ATGTCCTGAAGCTTCAGGCAAGCAATGTAACCAACAAGAATGACCCCAAGTCCATCAACTCTCGAGTCT
TCATTGGAAACCTCAACACAGCTCTGGTGAAGAAATCAGATGTGGAGACCATCTTCTCTAAGTATGGCCG
TGTGGCCGGCTGTTCTGTGCACAAGGGCTATGCCTTTGTTTCAGTACTCCAATGAGCGCCATGCCCGGCA
GCTGTGCTGGGAGAGAATGGGCGGGTCTGGCCGGCAGACCCTGGACATCAACATGGCTGGAGAGCCTA
AGCCTGACAGACCCAAGGGGCTAAAGAGAGCAGCATCTGCCATATACAGGCTCTTCGACTACCGGGGCCG
TCTGTGCCCCGTGCCAGTGCCAGGGCGGTCCCTGTGAAGCGACCCCGGTCACAGTCCCTTTGGTCCGG
CGTGTCAAACCTAACGTACCTGTCAAGCTCTTTGCCCGCTCCACAGCTGTCACCACCAGCTCAGCCAAGA
TCAAGTTAAAGAGCAGTGAGCTGCAGGCCATCAAGACGGAGCTGACACAGATCAAGTCCAATATCGATGC
CCTGCTGAGCCGCTTGGAGCAGATCGCTGCGGAGCAAAAGGCCAATCCAGATGGCAAGAAGAAGGGTGAT
GGAGGTGGCGCCGGCGGGCGGGTGGTGGTGGCAGCGGTGGCGGTGGCAGTGGTGGTGGCGGTGGCG
GTGGCAGCAGCCGGCCACCAGCCCCCAAGAGAACAACCTTCTGAGGCAGGCCTGCCCAAGGGGAAGC
ACGGACCCGAGACGAGCGGATGAGGAAGGGCTCCTGACACACAGCGAGGAAGAGCTGGAACACAGCCAG
GACACAGACGCGGATGATGGGGCCTTGCAGTAA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_007367 unedited GGATTTTGTATACGACTCACTATAGGGCGGCCGGAATTCGCACGAGGGGCAGTACCGCC TCCTTCCCAGCCGCGCGGCTTCTCCAGACCTCTCGGCGCGGGTGAAGCCATTCCCAGA GGCAGGTGGTGTGACCTGTAAACCAAAGGAGGAAACAGCTGGCTAAGCTCATCATTGT TACTGGTGGGCACCATGTCTTGAAGCTTCAGGCAAGCAATGTAACCAACAAGAATGACC CCAAGTCCATCAACTCTCGAGTCTTCAATGGAAACCTCAACACAGCTCTGGTGAAGAAAT CAGATGTGGAGACCATTCTCTAAGTATGGCCGTGTGGCCGGCTGTTCTGTGCACAAGG GCTATGCCTTTGTTCACTCAATGAGCGCCATGCCCGGCAGCTGTGCTGGGAGAGA ATGGGCGGGTGTGGCCGGCAGACCCTGGACATCAACATGGCTGGAGAGCCTAAGCCTG ACAGACCAAGGGGCTAAAGAGAGCAGCATCTGCCATATACAGTGGCTACATCTTTGACT ATGATTACTACCGGGACGACTTCTACGACAGGCTCTTCGACTACCGGGGCGTCTGTGCG CCGTGCCAGTGCCAGGGCGGTCCCTGTGAAGCGACCCCGGGTACAGTCCCTTTGGTCC GGCGTGTCAAACCTAACGTACCTGTCAAGCTCTTGGCCGCTCCACAGCTGTACCACCA GCTCAGCCAAGATCAAGNTAAAGATAGTGAGCTGCAGGCCATCAAGACGGAGCTGACAC AGATCAAGTCCAATATCGATGCCCTGCTGAGCCGCTTGGAGCAGATCGCTGCNGAGCAA AGGCCATCCAGATGGCAGAAGAAGGTGATNNGAGTGCGCC</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_007367 unedited CATTTGNACCCGGCCGATTCTANATCGAGTTTTTTTTTTTTTTTTTTTTTTGGGATCCAATCT CTTTATTGTGAGGGTCCCCTCCCTGTGGCCCCCGCCAAACCTATAGAAAAAACCAAGC CTGGGAGTGTCTGGGGAGGGGAGGTAGTATGGGGAACCCCTGTGCTCTACCCTCTGGC CTGGGCAGTGCAGACAGGGAGGGCTCATGGGGAAGGAGTAGGCCAGTAACCTCACCTGCA GAGGACATGGCACTGGCTGGGATGCGTTGGGGAGGAGGCGCCTGCTGCCAGCTTTCCTC TGGTACCCGCTGGGGGGTGGCATCCAGGGTTGGGTGCCCGGCTTGAAGCCTGGGGCAGCG ATGCCCTTCACTGCTGGTGGCCATTGCTCCTGTGAGGCTGCTTACTGCAAGGCCCATC ATCCGCGTCTGTGCTGGTGTGTTCCAGCTTCTCCTCGCTGTGTGTCAGGAGCCCTTC CTCATCGCGTCTGCTCGGGTCCGTGCTTCCCCCTGGGGCAGGCCTGCCTCAGAAGTTGT GTTCTCTTGGGGGGTGGGTGGCCGGCTGCTGNCACCGCCACCGGCACCACCACTGGCAC CGNACCGTTGNCACCACCACCGNCGNCGCCCGGTTGGCGCCACCTTATTACCTTCT TCTTGGCATCTGGATTGGCCTTTTGTCCGACGATCTTGTCCACCGGCTCAACAGGG CATTGATATTGGACTTGATCTGTGTCAGCTCCGGCTTGATGGGCTGCAACTCACTGCTCT TTACTTGATCTTGTGACCTGTGGGGGACAGCTGTGGAGCGCCAAGAACTTGACAGGT ACCTTTATTTGACACCCCGGACCAGGGACTGTGACCCGGGGTCTTTACAGGACCCGCC CTGGCACTGGAACGGCGAAAAACGC</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_007367
Insert Size:	1500 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).
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_007367.2](#), [NP_031393.2](#)

RefSeq Size: 1541 bp

RefSeq ORF: 873 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 (2) lacks an in-frame exon in the coding region, compared to variant 1. The encoded isoform (2) is shorter than isoform 1. This isoform is also known as short isoform.