

Product datasheet for **SC323907**

RSPRY1 (NM_133368) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RSPRY1 (NM_133368) Human Untagged Clone
Tag:	Tag Free
Symbol:	RSPRY1
Synonyms:	SEMDFA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_133368.1
 CTCTGCGCGTAATGGCAGCGCCGTGGCCTCGCGTCCATCTTTGCCGTTCTCTCGGACCTG
 TCACAAAGGAGTCGCGCCGCCGCCGCCGCCCTCCCTCCGGTGGGCCCGGAGGTAGAG
 AAAAAGTCCATTGGATGTCCAGAATCCCTGTAGTTGATAATGTTGGGAATAAGCTCTG
 CAATTTCTTTGGCATTAGTTGTTAAAAACAAATAGGATGCAAAATCCTCAACTCCAGG
 TTATGAAAACAGTACTTGGAAAACTGAAAACTACCTAAATGATCGTCTTTGGTTGGGCCG
 TGTCTTAGCGAGCAGAAGCCTTGGCCAGGGTCTGTTGTTGACTCTCGAAGAGCACATAG
 CCCACTTCCTAGGGACTGGAGGTGCCGCTACTACCATGGGTAATTCCTGTATCTGCCGAG
 ATGACAGTGGAACAGATGACAGTGTGACACCCAAACAGCAACAGGCCGAGAACAGTGCAG
 TACCCACTGCTGACACAAGGAGCAACCACGGGACCCTGTTGGGCCACCAAGGAGGGGCC
 GAGGACCTCATGAGCCAAGGAGAAAGAAACAAAATGTGGATGGGCTAGTGTGGACACAC
 TGGCAGTAATACGGACTCTGTAGATAATGATCAGGAACCTCCCTATTCAATGATAACAT
 TACACGAAATGGCAGAACAGATGAAGGATGGTTGGATGTTGCCAGTCTTAATTAGAG
 TTATTCCACTGGAAGATCACTGGGACCAGCTGTTATAACATTGTTACTAGATGAATGTC
 CATTGCCCACTAAAGATGCACTCCAGAAATTGACTGAAATTCTCAATTTAAATGGAGAAG
 TAGCTTGGCAGGACTCAAGCCATCCTGCCAAACACAGGAACACATCTGCAGTCTAGGCT
 GCTTGGCCGAGAAACTAGCAGGTCTGCAAGTATAGGTTTACTTAGCCCAGGAATACTGG
 AATACTTGCTACAGTGTCTGAAGTTACAGTCCCACCCACAGTCATGCTTTTGCACCTTA
 TCGCACTGGAAAAGTTTGCACAGACAAGTGAAAATAAATTGACTATTTCTGAATCCAGTA
 TTAGTGACCGGCTTGTACATTGGAGTCTGGGCTAATGATCCTGATTATCTGAAACGTC
 AAGTTGGTTTCTGTGCCAGTGGAGCTTAGACAATCTCTTTTAAAGAAGGTAGACAGC
 TGACCTATGAGAAAGTGAACCTTGAAGTATAGGGCCATGCTGAATAGCAATGATGTCA
 GCGAGTACCTGAAGATCTCACCTCATGGCTTAGAGGCTCGCTGTGATGCCTCCTCTTTTG
 AAAGTGTGCGTTGCACCTTTTGTGTGGATGCCGGGTATGGTACTATGAAGTAACAGTGG
 TCACTTCTGGCGTCATGCAGATTGGCTGGGCCACTCGAGACAGCAAAATCCTCAATCATG
 AAGGCTACGGCATTGGGGATGATGAATACTCCTGTGCGTATGATGGCTGCCGGCAGCTGA
 TTTGGTACAATGCCAGAAGTAAGCCTCACATACACCCATGCTGGAAGAAGGAGATACAG
 TAGGATTTCTGTAGACTTGAATGAAAAGCAAATGATCTTCTTTTAAATGGCAACCAGC
 TGCCTCCTGAAAAGCAAGTCTTTTCATCTACTGTATCTGGATTTTGTGTCAGTAGTT
 TCATGTATATCAACAATGTGAGTTCAATTTGGAGCAAAACCATTCAAATACCCACCAT
 CTATGAAATTTAGCACTTTTAATGACTACGCCTTCTAACAGCTGAAGAAAAATCATTT
 TGCCAAGGCACAGGCGTCTTGTCTGTTGAAGCAAGTCAGTATCCGAGAAAATGCTGTT
 CCCTTTGTTGTGATGAGGTAGCAGACACACAATTGAAGCCATGTGGACACAGTGACCTGT
 GCATGGATTGTGCTTGCAGCTGGAGACCTGCCATTGTGTCGTAAGAAATAGTATCTA
 GAATCAGACAGATTTCTCATATTTTCATGACACATGTGAAGAGGCATCGTGGACTTTTTC
 TACTCAATTCAGCCAATGTTGAAAAGAAAAAAAAAAAAAAAAAAAA

Restriction Sites: ECoRI-NOT

ACCN: NM_133368

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:	<u>NM_133368.1, NP_588609.1</u>
RefSeq Size:	2084 bp
RefSeq ORF:	1731 bp
Locus ID:	89970
UniProt ID:	<u>Q96DX4</u>
Cytogenetics:	16q13
Protein Families:	Druggable Genome, Secreted Protein
Gene Summary:	This gene encodes a glycoprotein that contains a RING-type zinc finger domain and an SPRY domain of unknown function. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Feb 2015] Transcript Variant: This variant (1) encodes isoform 1. Variants 1, 2 and 3 encode the same protein.