

Product datasheet for **RN208737**

Rspry1 (NM_001100945) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rspry1 (NM_001100945) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rspry1
Synonyms:	RGD1308847
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208737 representing NM_001100945
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGATTGTCTTTGGTTGGCTGTGTTCTTAGCAAGCAGAAGCCTTGGTCAGGGTCTGCTATTGACTTTTG
 AGGAGCACATAGCCACCTATTGGGGACTACAGGTGCCACTACTACTATGGGTAATTCCTGCATCTGCCG
 AGATGACAGTGGAGCAGAAGACAGTGTGACACCCACCAGCAACAGGCTGAGAACAGTACAGTCCCTACT
 GCGGACAGTAGGAGCCAACTTCGGGACCCTGTTCCGGCCTCCAAGGAGAGGCCGAGGACCTCATGAGCCAA
 GGAGAAAGAAACAAAATGTGGATGGGTTAGTGTGGACACACTGGCGGTAATACGGACTCTGTAGATAA
 TGATCAGGAACCTCCTTATTCAATGATTACATTACATGAAATGGCAGAAACAGATGAAGGATGGTTGGAT
 GTTGTCAGTCTTTAATTAGAGTTATTCCATTGGAAGATCCACTGGGACCAGCTGTTATAACCTTGTAC
 TAGACGAATGTCCATTGCCCACTAAAGATGCACTCCAGAAATTGACCGAAATCTTAATTTAAATGGAGA
 GGTAGCGTGCCAGGACTCAGGTACCCTGCCAAACACAGGAACACATCTGCAGTCTGGGCTGTTTGGCT
 GAGAAACTAGCAGGTCTGCAAGCATAGGTTTACTTAGCCAGGAATACTGGAATATTTGCTACAGTGTC
 TGAAGTTACAGTCCCATCCACAGTCATGCTTTTTGCACTGATTGCACTGGAAAAGTTTGGCCAGACAAG
 TGAGAACAAATTGACTATCTCTGAATCCAGTATTAGTGACCGACTGGTCACATTGGAGCTGTGGGCTGAT
 GATCCTGATTATCTGAAACGTCAGGTTGGCTTCTGTGCCAGTGGAGCTTAGACAATCTCTTTTAAAG
 AAGGTAGACAACCTAACCTACGAGAAAGTGGACTTGAATAACATTAGGGCCATGCTGAACAGCAATGATGT
 CAGCGAGTACTTGAAGATCTCACCTCACGGCTTGGAGGCTCGCTGTGATGCCTCCTCTTTGAGAGTGTG
 CGCTGCACTTTTTGTGTGGCACTGGGGTGTGGTACTACGAAGTAACAGTGGTCACTTCTGGTGTATGC
 AGATTGGCTGGGCTACTCGAGACAGCAAGTTTCTGAACCACGAAGGCTATGGTATTGGCGACGATGAGTA
 CTCCTGTGCCTATGATGGCTGCCGGCAGCTGATTTGGTACAATGCCAGAAGTAAGCCTCACGTGCACCCG
 TGCTGGAAGGAAGGAGACACAGTGGGGTTTCTGTTAGACTTGAATGAAAAGCAAATGATCTTCTTTTAA
 ATGGCAACCAGTGCCTCCTGAGAAGCAAGTCTTTTCATCCACCGTATCGGGATTTTTTGTGCACTAG
 TTTTCATGTCATATCAACAATGTGAGTTCAACTTTGGAGCAAGACCATTCAAATACCCACCGTCTATGAAA
 TTTAGCACTTTTAAATGATTACGCCTTCTAACAGCTGAAGAAAAGATCATTTTGCCAAGGACCGCGGCC
 TCGCTCTGCTGAAGCAAGTCAGTATCCGAGAGAACTGCTGTTCACTCTGTTGTGACGAGGTGGCGGACAC
 ACAGCTGAAGCCCTGTGGACACAGTGACCTGTGCATGGATTGTGCCTTGAACCTGGAGACCTGCCATTG
 TGTCGTAAGAAATAGTGTCTAGAATCAGACAGATTTCTCATATTTCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001100945

Insert Size: 1731 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_001100945.1, NP_001094415.1

RefSeq Size: 2303 bp

RefSeq ORF: 1731 bp

Locus ID: 689249

Cytogenetics: 19p13