

Product datasheet for **SC100628**

RWDD4A (RWDD4) (NM_152682) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RWDD4A (RWDD4) (NM_152682) Human Untagged Clone
Tag:	Tag Free
Symbol:	RWDD4A
Synonyms:	FAM28A; RWDD4A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100628 sequence for NM_152682 edited (data generated by NextGen Sequencing)

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ATGAGTGCCAACGAGGACCAGGAGATGGAAGTACTAGAAGCATTACGCTCTATTTATGAAGGA
GATGAAAGTTTCCGGGAATTAAGTCCAGTTTCTTTCAATATAGGATAGGTGAAAATGGT
GATCCCAAAGCCTTCTTAATAGAGATTTCTGGACAGAAACATATCCCCAAACACCTCCA
ATTCTATCTATGAACGCTTTTTTTAACAACACCATATCATCAGCTGTAAAGCAGAGTATA
TTAGCCAAGCTACAGGAAGCAGTAGAAGCTAATCTTGGAACCGCTATGACCTATACATTG
TTTGAATATGCCAAAGACAATAAAGAGCAGTTCATGGAGAATCACAATCCCATCAATTCC
GCAACATCGATAAGCAATATCATCTCAATTGAAACTCCTAATACAGCCCCATCAAGTAAG
AAAAAAGACAAAAAGAACAACCTTCAAAGCCCAGAAGCGTAAGCTGGCAGACAAAACA
GATCACAAGGAGAACTTCTCGAGGCTGGAAGTGGGTTGATGTTGTGAAGCATTTAAGC
AAAAGTGGCTCTAAGGATGATGAGTAG
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Clone variation with respect to NM_152682.2



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_152682 unedited</p> <pre>NNNGGGGGTTCAAATTTGTATACGACTCATATAGGCGGCCGGAATTCGGCACGAGGCC GGCTCGTAGCCACAGCCCACTGCCGGCGGCTGGGCGCTGCCGAGGCTCGGGCGCGCGC AGTTGGCGTCTGCCAGTGCCAAGACTGTGCCGCCCCACAGCCGAGGCGCGAAAGGGGA CGCCCGGCTCTGGGCGCTGCCTTCGCTTTCTTTCGTTGTTGCGAACGCCGTCGCTC AGGAGGCGCCCGCACCGGCGCGATGAGTGCCAACGAGGACCAGGAGATGGAAC TAGAA GCATTACGCTCTATTTATGAAGGAGATGAAAGTTTCCGGGAATTAAGTCCAGTTTCTTTT CAATATAGGATAGGTGAAAATGGTGATCCCAAAGCCTTCTTAATAGAGATTTCTGGACA GAAACATATCCCCAAACCTCCAATTCTATCTATGAACGCTNTTTTTAAACAACCCATA TCATCAGCTGTAAGCAGAGTATATTAGCCAAGCTACAGGAAGCAGTAGAAGCTAATCTT GGAACCGCTATGACCTATACATTGTTTGAATATGCCAAAGACAATAAAGAGCAGTTCATG GAGAAATCACATCCCATCAATCCGCAACATCGATNAGCAATATCATCTCAATTGAACT NCTAATACAGCCCATCAAAGTAGAANAAAGACANAAAAGAACAACCTTTCAAAGCCAGA AGCGTAAGCTGGCAGACAAAACAGATCACAAAGGAGAACTTNCTNNGAGCTGAACTNNG NTGATGNTGTGAAGCATTTAAGCAAACCTGGCTCTAAGATGATGAGTAGCACTTGGATTT GAGACAAGGAAGAGCATTCTTTAAAGAGTAACTGGGGTCAAAATCTTCATACTATTTTC TGGTATTGG</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_152682 unedited</p> <pre>GGTTCATCTATGNACCGCGCACGCAATCTAAAGTCGAGTTTTTTTTTTTTTTTTTTTTT TTTTTTTTTTTTTCGCTGGGTATAATTCAAACCTTATTGCTTATTAATTATGCACTCCA CAAAATTTAAGTAAACAGACCTTGAGAAAATATACTGGGAGTGTTAAACAAATGACGGC AATATTGATGAGGCTGTTCAAGTGTTTACATAAGGTAATAAGAGGTACCACCATCACCA GAACCCCTACAAATTTTACATTTATATAAAAAGAGTAAAAATAGTTTATTGGCATGTA ACTAGCATCATTCTGTAACTATGAGCCATAATAAGCCTGAACAATTTCAGTCTCTTC AAAGCAAAACAAAGTATTTTATCCACTAGCAAATGTTTCTCCAAAAACAAAAACAAAC CATTACAACCACAAATACTACCCACACACAACCCTGAAACATAAGTTGCCATATTCAGT GGTCTGAATTTTAAACATGTTTTGCTCTACATTAATTCAAGAAATAAAATGAGAAACAGC TTTGAAAATGAGATTAACCTCTTGTGCTGTAATTATACTTACTCTATAATTCAAACATTT AGCTGAAGTCAGTTAACGAGTAAAAACCGCGGATACAGCTCAAACCTGCTTAACTTCTT TAAATGTTTACTGTTCTATCAAACCTCAGACCCAAGCTGCACAGGTGTAACCTTGAGCAC TAANCATCTTCCCTACCAGACGTAATAGTTTTATGTGTTCTTAAAGCTGGGCGCATATACA AATCCTGTACATCACACTAAACCTCAGAAAATTTTCTTGACAACCTAGACAATAGTTCCT CTATATTATTTTTAAATCAGCAGTGTAACAGTTCAGCATTAAAGACTCCCTGTATAGA T</pre>
Restriction Sites:	ECORI-NOT
ACCN:	NM_152682
Insert Size:	2500 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_152682.1](#), [NP_689895.1](#)

RefSeq Size: 2579 bp

RefSeq ORF: 567 bp

Locus ID: 201965

UniProt ID: [Q6NW29](#)

Cytogenetics: 4q35.1