

## Product datasheet for **SC337552**

### **DORFIN (RNF19A) (NM\_001280539) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	DORFIN (RNF19A) (NM_001280539) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF19A
Synonyms:	RNF19
Vector:	<u><a href="#">pCMV6 series</a></u>



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001280539, the custom clone sequence may differ by one or more nucleotides

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ATGCAAGAACAAGAAATAGGTTTTATCTCTAAATATAATGAAGGGCTGTGTGTAACACTGACCCTGTCT
CAATTCTAACAGCATTITAGACATGAGTTTACATCGGCAATGGGTTCCAGATCGAGATCTTCAGTCCTC
TGCTTCATCTGTGAGCTTGCCTTCAGTCAAAAAGGCACCCAAAAAAGAAGAATTTCAATAGGCTCCCTG
TTTCGGAGGAAAAAGATAACAAACGTAATCAAGGGAGCTAAATGGCGGGTGGATGGAATTGCAAGTA
TTGAAAGTATACATTCTGAAATGTGACTGATAAGAACTCCATTTTCTCTACAAATACCTCTTCTGACAA
TGGATTAACCTCCATCAGCAACAAATTGGAGACTTCATAGAGTGCCCTTTGTGCCTTTTGGCGCATTCT
AAAGACAGATTTCTGATATAATGACTTGTCTACACAGATCTTGTGTGGATTGCTTACGACAATATTTAA
GGATAGAAATCTCTGAAAGCAGAGTTAATATTAGTTGCCAGAATGACTGAACGGTTTAAATCCCATGA
TATTTCGTTGATTAAGTGATGATGTCTTGATGGAAAAATACGAAGAATTTATGCTTAGACGGTGGCTT
GTTGCAGATCCTGATTGTAGGTGGTGTCCAGCTCCAGACTGTGGATATGCTGTGATAGCATTGGATGTG
CCAGCTGTCCAAATTAACCTTGTGGCGAGAGGGCTGTGGAACAGAGTTTGTACCAGTGTAAACAGAT
TTGGCACCCCAACCAGACCTGTGATGCTGCTCGACAAGAGAGAGCCAGAGCTTACGTTTGAAGACTATA
CGTTCTTCATCCATTAGTTATAGTCAAGAGTCTGGAGCAGCAGCTGATGATATAAAGCCATGTCCACGAT
GTGCTGCTTATATAATAAAGATGAATGATGGGAGCTGCAATCACATGACATGTGCTGTTTGTGGTTGTGA
GTTTTGTTGGTTGTGATGAAAGAAATCTCAGATTTGCATTATCTAAGTCCATCAGGATGTACTTTTTGG
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GAATCGCTTAAATAGCTGGCATTGCTATTCCTGCAATGATTATTGGCATTCTGTGTATGGGCGCCAA
GATTCACAATCGCTATGAAGGCAAGGATGTTTCAAAGCACAAACGGAATTTGGCCATAGCAGGTGGTGA
ACGTTGTCTGTAATCGTGTCTCCAGTAGTAGCTGACTGTAGGTATCGGTGTTCTATTATGTTAG
CTTATGTCTATGGCGTAGTTCCAATTTCTCTTTGTGCAAGCGGAGGTTGTGGAGTCTCAGCAGGCAATGG
AAAAGGAGTTAGGATTGAATTTGATGATGAAAATGATATAAATGTTGGTGGAACTAACACAGCTGTAGAC
ACAACATCAGTAGCAGAAGCAAGACACAACCCAAAGCATAGGGGAGGGAAGTGTGGTGGGCTGACTGGCA
GTTTGAGTGCAAGTGGAAGCCACATGGATCGAATAGGAGCCATCCGAGACAACCTGAGTGAACGGCCAG
CACCATGGCACTAGCTGGAGCCAGTAAACGGGGAGTCTGTGAGGAAGTCCCATGGTAACTGTTTTAAC
AGGTTGGAAGTACAAGCAGATGTACAGAAAGAACGGTACAGTCTAAGTGGAGAATCTGGCACAGTCAGCT
TGGGAACAGTTAGTGATAATGCCAGCACAAAGCAATGGCAGGATCCATTCTGAATTCCTACATCCCATT
GGACAAAAGAAGGCAACAGTATGGAGGTGAAGTAGATATTGAGTCAAAGCCATCCAAATTCAGGCACAAC
AGTGGAAGCAGTAGTGTGGATGATGGCAGTGCCACCCGAAGTCATGCTGGCGGTTCCATCCAGTGGCTTGC
CTGAAGGTAATCTAGTGCCACCAAGTGGTCCAAGAAGCAACAGCAGGGAAAAAATCAAAAAGTGGTAA
ACTGAGGAAAAAGGGTAACATGAAGATAAATGAGACGAGAGAGGACATGGATGCACAGTTGTTAGAACA
CAAAGCACGAACTCAAGTGAATTTGAGGCTCCATCCCTCAGTGACAGTATGCCTTCTGTAGCAGATTCTC
ACTTAGTCATTTTTCTGAATTTAGTTGTTCTGACCTAGAAAGCATGAAAACCTTCTGTAGTCATGGTTC
CAGTGATTATCACACCCGCTTTGCTACTGTTAACATTCTCTGAGGTAGAAAATGACCGTCTGAAAAAT
TCCCCACATCAGTGTAGCATTCTGTGGTTACCCAACTGCTTCTGTTGAGGTTTACAGTTGAATC
ATATTGCTGAAGAACATGGTAACAATGGAATAAACCTAATGTTGATTTATTTTTGGCGATGCACTAAA
AGAAACAAATAACAACCACTCACATCAGACAATGGAATTAAGTGAATTCAGACTGAAATTTAG
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**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001280539

**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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001280539.1, NP_001267468.1</u>
<b>RefSeq Size:</b>	4318 bp
<b>RefSeq ORF:</b>	2517 bp
<b>Locus ID:</b>	25897
<b>UniProt ID:</b>	<u>Q9NV58</u>
<b>Cytogenetics:</b>	8q22.2
<b>Protein Families:</b>	Druggable Genome, Transcription Factors, Transmembrane
<b>Gene Summary:</b>	<p>This gene encodes a member of the ring between ring fingers (RBR) protein family, and the encoded protein contains two RING-finger motifs and an in between RING fingers motif. This protein is an E3 ubiquitin ligase that is localized to Lewy bodies, and ubiquitylates synphilin-1, which is an interacting protein of alpha synuclein in neurons. The encoded protein may be involved in amyotrophic lateral sclerosis and Parkinson's disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR, compared to variant 1. Variants 1, 2, 3, 4, and 5 encode the same protein.</p>