

## Product datasheet for **RN207766**

### **Dpy19I3 (NM\_001135835) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dpy19I3 (NM_001135835) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dpy19I3
Synonyms:	RGD1308334
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN207766 representing NM\_001135835  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGATGATGTACATCCGGCAAAGAAAAGAGACAAAACCCGTTGAAGTTTCTGAGGATTTCCGTCACCAA  
 AAGAAGATGTGAAGTTGGAAAAGAAATTGCCATCTGGTTGTGCCTCTGGAAGTTCTGGAAGATCCTGTC  
 ATCTGCAGTTGGCGAACCGTGCCCTTTGCATTGGACTTCTAACATCCGTGTACCTGGCCACCCTACAT  
 GAGAACGATTTGTGGTTTTCCAATATAAAGGAAGTAGAGCGAGAAATCTCATTACAGGACAGAATGTGGAC  
 TGTAATTTCTTACTACAAGCAGATGCTGCAGGCTCCGACCCTCTGCAAGGTTTCCATGGCTTAATCTA  
 TGACAATAAAACCGAATCCATGAGGACGATCAACCTCCTTCAAAGAATGAATATTTACCAAGAAGTTTTCT  
 CTCAGTGTTTTATACAGAGTTCTCCCATACAGAAATATCTAGAGCCTGTTTATTTTTATATCTACACTC  
 TTTTGGGCTCCAAGCAGTCTATGTCACGGCCCTTATATAACCAGCTGGCTCCTTAGTGGCACCTGGCT  
 GTCAGGCTGCTGGCAGCTCTCTGGTACGTCACCAACAGAATCGACACGACCAGAGTTGAGTTCACCATC  
 CCGCTGAGGGAGAAGTGGGCTCTGCCTTTTTTTCGCAATTCAGATTGCAGCAATTACCTACTTCTGAGAC  
 CAAACTTGCAGCCTTTTCTGAAAGGCTGACCCTTCTTGCCATCTTCGTATCAACTTTTTCTTTAGCCT  
 GACATGGCAATTAATCAGTTTATGATGCTGCTGCAGGCGCTGGTGTTCATCCTGGACTCCTTGGAC  
 ATGCTGCCAGCCGTGAAGGCCACCTGGCTGTACGGCATCCAGATAAGTGCCTGCTCCTCGTCTGCATGC  
 TTCAGTTTTTAACTCCATGATCCTCGGATCGCTGCTCATCAGTTTTAACCTCTCAGTATTAATTGTAAG  
 AAACTTCAGAAGAACCTGAAGACTGGAACCTTCTGATTAGGATTTGGAACATTTGTTGCATTTGCTT  
 CTAGTTTTCTGCTTGACACTTTTTCTCAACAACATTATAAGAAAATTTAACTGAAGTCAGATGAAC  
 ACATCTTTAAATTTCTGAAGGCCAAGTTTGGGTTTGGAGCAACAAGGGATTTTCGATGCAAACTCTATCT  
 GTGTGAAGAAGCCTTTGGCCTCCTGCTCAACACATTCCAAAGGCTCTCAGAGACACTGCTTTTTTAC  
 GCGTACATGTTGTCCTATTGGTACAGTGGTACAGCGTCCGTTGTGGCCTTTCATAATCTCAGTGACT  
 CCACAAGTCTGCAGCCTGTGGATCAGACAAGAAAGCGTGTGGTTGACCTGAAGCCAGAAGCCGCATACAA  
 CCTGATCCACACCATTCTGTTTGGTGTCTTGGCGTTGAGTACGATGAGGATGAAGTACCTATGGACCTCC  
 CACATGTGTGTTTGGTCTTCCGGCTGTGCAGCTCTGAGATCTGGAACTGATTCTGAGGCTGGTTC  
 ATCTCTGCAACCCGAAGAGGATCTGGGTCTGCGGTACTCGGTGCCGTTCTCACCTGCTGTGCCTGTG  
 CTGTAAGTCTGGCCAGGAATGATGGATGAACTCTCCGAGTTGAAAGAATTCTATGACCCAGATACAGTG  
 GAACTGATGAACTGGATTAACCTCAATACACCGAGGAAGGCCGTTTCGCTGGAAGCATGCAGTTGCTGG  
 CTGGAGTCAAGCTGTGTACAGGACGGAGCTGACCAACCCACACTACGAAGATAAAAGTCTGAGAGA  
 GCGGACCCAGGCGGTTTATCAGATATATGCGAAGAGGTCCTCCAGAGGAAGTGCACGCGCTCCTGCGGTCC  
 TTTGGCACCGACTTTGTGATCCTGGAAGACAGCATCTGCTATGAGCGCAGGCACCACAGGGGCTGCCGGC  
 TGCGTATTTGCTGGACGTGCCAATGGACATGAGATGGATGGGCCAGGAGAGAGTACCCTGACTTGAG  
 ACCTGCAGACCACCTCGCTTCTGTGAAGAGATTAAGGAACCTGCCGCTCTACGCAGCCCACTTCACT  
 AGAGTGTCCAGAACAAGACATTCCATGTCTACAACTGTCCAGAAACAA**TAA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII

**ACCN:** NM\_001135835

**Insert Size:** 2154 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).

<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_001135835.2, NP_001129307.2</u>
<b>RefSeq Size:</b>	7610 bp
<b>RefSeq ORF:</b>	2154 bp
<b>Locus ID:</b>	308519
<b>Cytogenetics:</b>	1q21