

## Product datasheet for **RN207667**

### Lig3 (NM\_001012011) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lig3 (NM_001012011) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lig3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:**

>RN207667 representing NM\_001012011  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGACTTTGGCCTTTAAGACCCTCTCCGAGAAACCTCTGTGCCCTTGGCAGAAAAGAACTGTGCCTGT  
 TTTGAGAACAGCATCACTGGCCTGCCATAAGACAGTTCAGCCAGTGGTTCGAAACAAATCTCCTTTGTGG  
 GTGCTGCCTCCTCCAGAGAAGAAAGCCTGTCTATCTTTCCAGAGAGGTATCTAAGACCACGTGCCACC  
 CACCTTATTTCTGGTCAAGGTCGCATGTGGGACTCTGTACTGGCCCTGTGAGATGGCCGAACAGCGGT  
 TCTGTGTGGACTATGCCAAGCGGGCACAGCTGGCTGCAAGAAATGCAAGGAGAAGATTGTAAGGGCGT  
 ATGCCGATTGGCAAAGTGGTACCCAATCCCTTCTCAGAGTCTGGGGGTGATATGAAAGAGTGGTACCAC  
 ATTAAGTGCATGTTTGGAAAAGTGGAGCGGGCGGGCCACCACAAAAAAATGAAAGACCTCACAGAGC  
 TGGAAAGGTGGGAAGAGCTGGAAGATAATGAAAAGGAACAGATAAGCCAGCACATTGCAGACCTGTCTTC  
 CAAGACAGCTGCCACACCGAAGAAGAAAGCTACTGTCCAGGCTAAGCTGACAACCACTGGCCAAGTGACA  
 TACCAGTGAAAGGCGCTTCGTTTATTACCAGTACCAATCCCCGAAATTTCTGGCTTTTCAGCAGCCA  
 AACCGAACAACTCTGAGCAAGACCCCTCAAGCCCTGCTCCTAAGACCAGTCTGTCCGCAAGTAAATGTGA  
 CCTAAGCACAAAGATTGTCTACTACGAGAATTCGGAAGCTGTGTGCCATGGTAGCTGAAAATCCTAGC  
 TATAACACCAAGACCCAGATCATCCACGACTTCTTGCAAGAAAGCTCCACAGGAGATGGCTTCGAGGGC  
 ATGTGTACCTGACAGTGAAGTGTCTGTGCCTGGTGTCAAGAGTGTGTACAACCTGAATGATAAGCA  
 GATAGTGAACCTGTTTCCAGCCGAATTTTAACTGCAACCCAGATGATATGGCCCGGACCTAGAACAGGGT  
 GACGTGTCCGAGACGATCAGAGTCTTCTTTGAGCAGAGCAAGTCTTTTCCCCAGCTGCCAAAAGCCTCC  
 TCACCATCCAGGAGGTGGATGCATTTCTTCTGCACCTCTCCAAGCTCACCAAAGAGGATGAGCAGCAGCA  
 GGCCCTGCAGGACATTGCTTCCAGGTGTACAGCCAATGACCTTAAGTGCATTATCCGGCTGATCAAACAC  
 GATCTGAAGATGAACTCGGGTGCAAAACAGTGTAGATGCCCTTGACCCCAATGCTTATGAAGCCTTCA  
 AAGCATCACGCAACCTGCAGGATGTGGTGGAGCGGGTCTTCAATGAGCAGGAGGTGGAGAAGGACCC  
 AGGCCGGCGTCGGGCTCTGAGTGTCCAGGCCTCATTGATGACACCTGTGCAACCCATGCTGGCTGAGGCC  
 TGCAAGTCCATTGAGTATGCAATGAAGAAGTGTCCCAATGGCATGTTCTCTGAGATCAAGTACGATGGT  
 AGCGAGTCCAGGTGCATAAGAAGGGAGACCATTTAGCTACTTCAGCCGAGTCTCAAGCCTGTCTTGCC  
 TCACAAGTGGCCCACTTAAGGACTATATTCCAAAAGCGTTTCTGGGGTCAAAGCATGATCTTGAGC  
 TCTGAAGTGTCTCTGATTGATAACAACACAGGCAACCACTGCCCTTTGGGACCTGGGAGTACACAAGA  
 AAGCTGCTTCCAGGATGCTAATGTCTGCTGTTGTTTTGATTGTATCTACTTAATGATGTCAGCTT  
 GATGGACAGCCTCTCTGTGAGCGACGGAAGTTTCTTATGATAACATGGTTGAAATCCGTAACCCGATC  
 ATGTTCTCAGAAATGAAGCAAGTCACAAAAGCTTCCAGACCTGGCTGACATGATAAACCGGGTATCCGAG  
 AGGGCCTGGAAGGTTTGGTGTAAAGGATGTGAAGGTACATATGAGCCTGGAAAACGACACTGGCTGAA  
 AGTTAAGAAAGACTATTTGAACGAGGGGGCCATGGCTGATACAGCTGATCTGGTGGTTCTTGGGGCCTTC  
 TATGGGCAAGGGAGCAAAGGTGGAATGATGTCCATCTTCTCATGGGCTGCTATGACCCCGACAGCCAGA  
 AGTGGTGCACCTGTACAAAATGTGCTGGAGGCCATGACGATGCCACACTGCCCCGCTGCAGAAAAGCT  
 AGATATGGTGAAGATTAGCAAGGATCTAGCAAGATACCCAGCTGGCTGAAGATCAACAAGATCTACTAT  
 CCTGACTTATCGTCCCAGACCCAAAGAAAGCTGCTGTGTGGGAGATCACAGGAGCAGAATTCTCTCGAT  
 CTGAGGCGCATACTGCTGATGGGATCTCCATCCGATTTCTCGATGCACCCGAATCCGGGATGACAAGGA  
 CTGAAAATCTGCCACTAACCTCCCCAACTCAAGGAACTGTACCAGCTGTCCAAAGACAAGGCAGACTTC  
 GCTGTGGTGGCTGGAGATGAGGGGAGCTCCACTACTGGAGGCAGCAATGGTGAAGATGAGGGCAGTCTG  
 GGTCTACTGTGCCCGCAAGGGCCCCAAGGACCCCCAGTAAGTCTCTGCCAGTGCCAAGAAGACTGA  
 ACAGAAGCTGAATGATCCAGTAGCAGAGGTGGAGAGAAGCTGGCTGTGAAGTCTTCTCTGTCAAAGTG  
 GGGATGAAGAGGAAAGCTGCTGATGAGACCCAGGCTGACAAAAGAGCGCGGGCCAGCCGGCAAAGAG  
 GAAGGAGAGCTATGCCAACAGGCAGGAGATAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

Sgfl-Mlul

<b>ACCN:</b>	NM_001012011
<b>Insert Size:</b>	2832 bp
<b>OTI Disclaimer:</b>	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><a href="#">NM_001012011.1</a></u> , <u><a href="#">NP_001012011.1</a></u>
<b>RefSeq Size:</b>	3874 bp
<b>RefSeq ORF:</b>	2832 bp
<b>Locus ID:</b>	303369
<b>Cytogenetics:</b>	10q26