

Product datasheet for MC229272

Lig3 (NM_001291245) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lig3 (NM_001291245) Mouse Untagged Clone
Tag: Tag Free
Symbol: Lig3
Synonyms: D11Wsu78e
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC229272 representing NM_001291245
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGACTTTGGCTTCAAGATCCTCTTCCCAGAAAACCTTTGTGCCCTTGGCAGAAAAGAACTGTGCCTGT
 TCCCAGAACAGAAATCGTGGGCTGCCATAAGTCAGTTCAGCCAGTGGTCGAAACAAATCTCCTCGGTGG
 GTGCTGCCTTCTCCAGAGAAGAAAGCCTGTCTAGCTCTCCAGAGAGTCACTAAGACCAGTGCCACC
 CACCTTACTTTCTGGCCAGGGTTCGATGTGGGACTCTGTACTGGCCCTGTGCGATGGCAGAGCAGCGGT
 TCTGTGTGGACTATGCCAAGCGGGCACAGCTGGATGCAAGAAATGCAAGGAGAAGATTGTAAGGGCGT
 GTGCCGATTGGCAAAGTGGTGCCCAACCCCTTCTCAGAGTCTGGGGGTGATATGAAAGAGTGGTACCAC
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 TAAGGCAGCTGCCACACCTAAGAAGAAAGCTGCTGTCCAGGCTAAGCTGACAACCACTGGCCAGGTGACA
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 CCCTAAGCACAAAAGATTGTCTGCTACGAGAGTTCGGAAGCTGTGCGCCATGGTGGCTGAAAATCCTAGC
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 GGCCCTGCAGGACATAGCCTCCCGGTGTACAGCCAATGACCTTAAGTGCATTATTCGGCTGATCAAACAT
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 AGGCCGGCGACGGGCTCTGAGGGTCCAGGCCTCACTGATGACGCCTGTGCAGCCCATGCTGGCTGAGGCC
 TGCAAAATCCATTGAATATGCAATGAAGAAGTGTCCCAATGGCATGTTCTCTGAGATCAAGTACGATGGT



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AGCGAGTCCAGGTGCATAAGAAGGGGGACCACTTCAGCTACTTCAGCCGAGTCTCAAGCCTGTCCTGCC
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TCCGAGGTACTCTGATTGACAACAACACAGGCAAACCACTGCCCTTTGGGACTCTGGGAGTGCACAAGA
AAGCTGCTTCCAGGATGCTAATGTCTGCCTGTTTGTGTTTGGATTGTATCTACTTAAATGATGTCAGCTT
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AGTGGTGCCTGTTACAAAATGTGCTGGAGGCCATGATGATGCCACACTTGCCCGCTGCAGAAAGAGCT
GGTTATGGTGAAGATCAGCAAGGATCCTAGTAAGATACCCAGCTGGCTGAAGATCAACAAGATCTATTAT
CCTGACTTTATCGTCCCAGACCCAAAGAAAGCTGCTGTGTGGGAGATCACAGGGGAGAATTCTCCAGAT
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CTGGCTGTGAAGTCTTCTCCAGTCAAAGTGGGAATGAAGAGGAAAGCTACTGATGAGACCCCATGCCTGA
AAAAGGTACTGTTGGATGTCTTCACTGGGGTGC GGCTCTACTTGGCACCTTCTACACCAGACTTCAAACG
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GTGCTAGGTAACAGGGAAAAGAACACTGATGCCAGTTGGTCTCCTCAGAGTGGATTTGGGCATGTATCC
GAAAACGGAGGCTGATAGCTCCCTGCTAG
    
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001291245
- Insert Size:** 3039 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001291245.1](#), [NP_001278174.1](#)

RefSeq Size: 5984 bp
RefSeq ORF: 3039 bp
Locus ID: 16882
Cytogenetics: 11 50.23 cM