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Product datasheet for MC229269

Lig3 (NM_001291246) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lig3 (NM_001291246) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lig3
Synonyms:	D11Wsu78e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC229269 representing NM_001291246
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACTTTGGCTTTCAAGATCCTCTTCCCGAGAAACCTTTGTGCCCTTGGCAGAAAAGAACTGTGCCTGT
TCCCAGAACAGAATCGCTGGGCTGCCATAAGTCAGTTCAGCCAGTGGTCGGAAACAAATCTCCTCGGTGG
GTGCTGCCTTCTCCAGAGAAGAAAGCCTGTCCTAGCTCTCCAGAGAGGTCATCTAAGACCACGTGCCACC
CACCTTACTTTCTGGCCAGGGTCGCATGTGGGACTCTGTACTGGCCCCTGTGCGATGGCAGAGCAGCGGT
TCTGTGTGGACTATGCCAAGCGGGGCACAGCTGGATGCAAGAAATGCAAGGAGAAGATTGTAAAGGGCGT
GTGCCGCATTGGCAAAGTGGTGCCCAACCCCTTCTCAGAGTCTGGGGGTGATATGAAAGAGTGGTACCAC
ATTAAGTGCATGTTTGAGAAACTGGAACGGGCTCGGGCCACCACAAAGAAAATTGAAGACCTCACAGAGC
TGGAAGGCTGGGAAGAGCTGGAAGATAACGAAAAGGAACAGATAAGCCAGCATATTGCAGACCTGTCTTC
TAAGGCAGCTGCCACACCTAAGAAGAAAGCTGCTGTCCAGGCTAAGCTGACAACCACTGGCCAGGTGACA
TCTCCAGTGAAAGGTGCTTCGTTTATTACCAGTACCAATCCTCGGAAGTTCTCTGGCTTTTCAGCAAAAC
CCAACAACTCTGAGCAAGCCCCCTCAAGCCCTGCTCCTGGAACGAGTCTGTCTGCAAGTAAATGTGACCC
TAAGCACAAAGATTGTCTGCTACGAGAGTTCCGGAAGCTGTGCGCCATGGTGGCTGAAAATCCTAGCTAT
AACACCAAGACCCAGATCATCCATGACTTCTTGCAGAAAGGCTCCACAGGAGATGGCTTTCACGGTGATG
TGTACCTGACAGTTAAGCTGCTGCTGCCTGGTGTCATCAAGAGTGTTTACAACTTGAATGATAAGCAGAT
TGTAAAACTTTTTAGCCGAATTTTTAACTGCAACCCAGATGATATGGCCCGGGACCTAGAACAGGGTGAC
GTGTCAGAGACGATCAGAATCTTCTTTGAGCAGAGCAAGTCTTTCCCCCCAGCTGCCAAAAGCCTCCTCA
CCATTCAGGAAGTGGATGCCTTCCTCCTGCACCTCTCCAAGCTCACCAAAGAGGATGAGCAGCAGCAGGC
CCTGCAGGACATAGCCTCCCGGTGTACAGCCAATGACCTTAAGTGCATTATTCGGCTGATCAAACATGAT
CTGAAGATGAACTCGGGTGCAAAACACGTGTTAGATGCCCTTGACCCCAATGCTTATGAAGCCTTCAAAG
CATCGCGCAACCTGCAGGATGTGGTGGAGCGAGTCCTTCACAATGAGCAGGAGGTGGAGAAGGACCCAGG
CCGGCGACGGGCTCTGAGGGTCCAGGCCTCACTGATGACGCCTGTGCAGCCCATGCTGGCTGAGGCCTGC
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AAATCCATTGAATATGCAATGAAGAAGTGTCCCAATGGCATGTTCTCTGAGATCAAGTACGATGGTGAGC
GAGTCCAGGTGCATAAGAAGGGGGACCACTTCAGCTACTTCAGCCGCAGTCTCAAGCCTGTCCTGCCTCA
CAAGGTGGCCCACTTCAAGGACTATATACCCAAAGCTTTTCCTGGGGGTCAAAGCATGATCTTGGATTCC
GAGGTACTCCTGATTGACAACAACACAGGCAAACCACTGCCCTTTGGGACTCTGGGAGTGCACAAGAAAG
CTGCTTTCCAGGATGCTAATGTCTGCCTGTTTGTTTTTGATTGTATCTACTTTAATGATGTCAGCTTGAT
GGACAGGCCTCTCTGTGAGCGACGGAAGTTTCTTCATGACAACATGGTTGAAATCCGTAACCGGATCATG
TTCTCAGAAATGAAGCAAGTCACAAAAGCTTCAGACCTGGCTGACATGATAAACCGGGTGATCCGAGAGG
GCTTGGAAGGGTTGGTGCTAAAGGATGTGAAGGGTACATATGAGCCTGGGAAGCGGCACTGGCTGAAAGT
TAAGAAAGATTATTTGAATGAGGGGGCCATGGCTGATACAGCTGATCTGGTGGTTCTTGGGGCCTTCTAT
GGGCAAGGGAGCAAAGGCGGAATGATGTCCATCTTCCTCATGGGCTGCTATGACCCTGACAGCCAAAAGT
GGTGCACTGTTACAAAATGTGCTGGAGGCCATGATGATGCCACACTTGCCCGCCTGCAGAAAGAGCTGGT
TATGGTGAAGATCAGCAAGGATCCTAGTAAGATACCCAGCTGGCTGAAGATCAACAAGATCTATTATCCT
GACTTTATCGTCCCAGACCCAAAGAAAGCTGCTGTGTGGGAGATCACAGGGGCAGAATTCTCCAGATCTG
AGGCACACACTGCTGATGGCATCTCCATCCGATTTCCTCGATGCACCCGAATCCGGGACGACAAGGACTG
GAAATCTGCCACTAACCTCCCCCAACTCAAGGAACTGTACCAGCTGTCCAAAGACAAGGCAGACTTTGCT
GTGGTGGCTGGAGATGAGGCAAGCCCCACTACTGGAGGCAGCAGTGGCGAGAACGAGGGCACTGCTGGGT
CTGCTGGGCCCTGCAAGGGCCCCCCCAGTAAGTCCTCTGCCAGTGCCAAGACCACCGAACAGAAGCTCAA
TAGCCCCAGTAGCAGAGGTGGCATCAAACCGATTCCAAAGCATTCCCCCATGAAACCAGGAGAGAAGCTG
GCTGTGAAGTCTTCTCCAGTCAAAGTGGGAATGAAGAGGAAAGCTACTGATGAGACCCCATGCCTGAAAA
AGGTACTGTTGGATGTCTTCACTGGGGTGCGGCTCTACTTGCCACCTTCTACACCAGACTTCAAACGTCT
CAAACGCTACTTTGTGGCATTCGACGGGGACCTGGTACAGGAATTTGACATGGGCTCAGCCACACATGTG
CTAGGTAACAGGGAAAAGAACACTGATGCCCAGTTGGTCTCCTCAGAGTGGATTTGGGCATGTATCCGGA
AACGGAGGCTGATAGCTCCCTGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001291246

Insert Size: 3036 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_001291246.1, NP_001278175.1

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RefSeq Size:	5981 bp
RefSeq ORF:	3036 bp
Locus ID:	16882
Cytogenetics:	11 50.23 cM

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