

Product datasheet for **RN202507**

Lig4 (NM_001106095) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lig4 (NM_001106095) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lig4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN202507 representing NM_001106095
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTCTCACAAGCCTCACGAAGTGTGCGAGCTCATGTCCCCTTTGCAGACTTGTGCTCCACCTTAG
 AACGAATACAGAAAGGTAAGACCGTGCAGAAAAATCAGGCACCTCAAGGATTTCTGGATTCTTGGAG
 AAAATTTTCATGATGCCCTTCATAAGAACAAGAAGGATGTTCCGGACTCTTTTACCCAGCAATGAGACTT
 ATTCTCCCTCAGCTAGAGAGAGAGAGGATGGCTTACGGAATCAAAGAAACCATGTGGCTAAGCTTTACA
 TCGAATTGCTCAATTTACCAAGAGAAGGCAAGGATGCCAGAAGCTCCTGAATTACCGAACCCCAAGTGG
 AGCTCGCTCAGATGCTGGGGACTTTGCCACGATTGCATACTTTGTTTTGAAGCCAAGGTGCTTACAGAAA
 GGAAGCTTAACCATACAGAAGGTGAATGAAGTCTTAGACTTAGTTGCCAGCAATAACTCTGGCAAAAAGAA
 AAGATCTAGTGAAAAAGAGCCTTCTTCAGTTAATAACCCAGTGTTCAGCACTCGAGCAAAAGTGGCTGAT
 TCGCATGATTATTAAGGACTTAAAGCTTGGTGTGAGTGCAGCACAGATATTGTCCATCTCCACAATGAT
 GCAGTCGAGTTGCACAATGTACCACAGATCTGGAAAAGGTCTGTAGGCAGCTACATGACCCCTCCGTAG
 GGCTCAGCGACATCTCCATCACTTTGTTCTCTGCCTTTAGGCCAATGCTAGCTGTGTAGCAGATGTGGA
 GCGTGTGGAGAAGGACATGAAGCAGCAGAGTTTCTACATCGAAACTAAGCTCGATGGCGAGCGCATGCAG
 ATGCACAAGGATGGCGCCCTGTACCCGTTACTTCTCCAGAAATGGTTACAACACCGATCAGTTCCGGCG
 AATCTCCACAGGAAGGCTCTCTCACCCCGTTTATTCACAACGCATTCAAGACAGATGTGCAAGTGTGCAT
 CCTTGATGGCGAGATGATGGCCTACAACCAACGACACAGACTTTCATGCAGAAGGGGTCAAGTTTGAT
 ATCAAAAGGATGGTGAAGATTTGACCTACAGACATGCTACTGTGTTTTCGATGTGCTGATGGTTAATA
 ATAGAAGCTAGGGCGTGAGACTCTCAGGAAGAGGTATGATATCCTTAGTAGCACTTTACACCCATACA
 AAGTTCGAATAGAGATAGTGCAGAAAACTCAAGCTCAGACAAGCAGGAAGTAGTGGATGCATTAATGAT
 GCCATAGACAAGAGAGAAGAGGGGATCATGGTTAAACACCCTCTGTCCATTTACAAGCCAGACAAAAGAG
 GTGAAGGGTGGCTAAAGATTAACCAGAGTATGCTACTGGATTGATGGATGAATTAGACCTCTTAATTGT
 TGGGGGCTACTGGGGTAAAGTTCTCGAGGTGGCATGATGTCTCACTTTCTGTGTGCAAGTGGCAGAGACA
 CCACCTCTGGTACAAGCCATCTGTGTCCACACTCTGTGCCGTGTGGGTCCGGTTACACGATGAAAAG
 AACTCTATGACCTGGGCTTGAATTTGGCAAAACTGGAAGCCTTTCCAAAGAAAATCTCCACCAAGCTG
 TATTTTGTGTGGCACAGAGAAGCCAGAAGTGTACATTGAACCCCAAGACTCTGTGCATCGTTCAGATCAAG
 GCGGCAGAGATCGTCCCAGTGACATGTACAAGACTGGCTCTACCTTGGCCTTCCACGCATCGAGAAGA
 TCAGAGATGACAAAGAGTGGCATGACTGTATGACGCTGGATGACCTGGAGCAGCTGAGGGGGAAAGCATC
 TGGGAAGCTTGCCACAAAACACCTTACATAGGTGACGATGACGAACCCAGAGAAAAAAGCGGAAACCC
 ATCTCTAAGACGAAGAAAACCATTTGAATCATTGAACACCTAAAAGCGCCTAACCTTTCTAACATAAAACA
 AAGTTTCTAATGTATTTGAAGATGTTGAGTTTTGTGTCATGAGTGGATTAGATGGTTATCCAAAGCCTGA
 CCTAGAGAACAAAATTCAGAAATTTGGTGGTTATATAGTCCAGAAATCCAGGCCAGATACATACTGTGTG
 ATTGCAGGTTCTGAGAACATTAGGGTCAGAAACATCATCTTTCAGATAGGCATGATGTTGTCAAGCCCG
 AGTGGCTTTTAGAGTGTTTTAAACAAAAACATGTGTGCCATGGCAACCCCGCTTTATGATTCACATGTG
 CCCATCAACAAAGCAGCATTTTGGCCGTGAATATGACTGCTATGGTGTAGCTATTTCTGTTGATGCAGAT
 TTGGATCAATTGAAAGAAGTGTTTTAAAGAATTAACCCAGTGAAGCAGCAGACTCCTGAAGAAAATGGCCC
 CTGTGATTGCTGACCTAGAATGTCGTTATTCCTGGGATCACTCTCCTCTCAGTATGTTTCGACACTACAC
 CGTTTTATTTGGACTTGTATGCTGTTATTAATGACTTAAGTTCCAAAATCGAAGCCACAAGGTTAGGTGTT
 ACAGCACTTGAGCTGCGTTTTCTGGAGCAAAGGTGGTTTTCCCGCTTATCTGAAGGGGTGTCTCACGTAA
 TCATCGGGGAAGATCAGAGACGAGTCAAGTACTTTAAACGTTTCAAGAAACGCTTAAGAAAAAGTTTAA
 AATCCTGCAGGAACGTTGGGTGATCGATTCAAGTAGACAAGTGTGAAGTGCAGGAAGAAAACCTGTATTTG
 CTTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001106095

Insert Size:	2736 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).
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:	<ol style="list-style-type: none"> 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:	<u>NM_001106095.1</u> , <u>NP_001099565.1</u>
RefSeq Size:	3192 bp
RefSeq ORF:	2736 bp
Locus ID:	290907
Cytogenetics:	16q12.5