

Product datasheet for MC224366

Carmil3 (NM_001024645) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Carmil3 (NM_001024645) Mouse Untagged Clone
Tag: Tag Free
Symbol: Carmil3
Synonyms: Lrrc16b; mFLJ00240
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224366 representing NM_001024645
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCAAGGCCAGCGTGGAGCTCACCCGCGAGCTGCAAGACAGCATCCGGAGGTGCCTGAGCCAGGGG
 CTGTGCTCCAGCAACATCGTGTGAAACTGGAGACAAAACCAAGAAGTTCGAAGACAGAGTCTGGCCCT
 GACTTCTGGCGTCTCCACCTTTTTCCCTTAAAGTTCAGCTAAGGTGGAAGCTCATTCAATGCCTG
 GAGATCCGTGCCTCAACACACTCAGTCAGAATCAGATCCTGGTGGAGACTGAGCGTGGCAGCGTGAGCA
 TGGCGCTGCCATCCGCCGAGAGTGTGGACCAGGTGACACGGCATGTGAGCTCTGCCCTCTCCAAGTCTG
 CCCTGGCCCTGGGTGTTTATCCGGCGTGGAAATGCGGACACCCAGAGGGACCCCGAGACACATCTCCC
 AACTCGGAAACTTCCACATCTACCACTCACAGTGTGTGGTGGCTTCTCTGAGACCTACGCTGCCCTGT
 GTGACTACAATGGACTCCACTGCCGAGAGGAGGTGCAATGGGATGTGGACACCATCTACCATGCTGAGGA
 TAACCGAGAGTTCAATCTTTGGATTTAGCCACTTGGAGAGCCGAGATCTGGCCCTCATGGTGGCCGCC
 CTGGCCTACAACCAGTGGTTCACCAAACCTACTGCAAAGACTTGAGACTGGGCTCAGAAGTCTAGAAC
 AGGTGCTACATACCCTCAGCAAGTCGGGGAGCCTCGAAGAGCTGGTGTGACAAATGCTGGGCTTAAGAC
 GGACTTTGTCCAGAAGCTGGCCGGGTGTTTGGGGAGAACGGGAGCTGTGTGCTGATGCCCTCATTCTG
 TCCACAACCCATCGAGGACAAGGTTTCTCAGCCTGAGCCAGCAGCTCCTCTGCTTCCCTACGGGCC
 TCACCAAACCTGTGCCTGGCCAAGACTGCCATCTCTCCTGAGGGCTCCAGGCACTGGGCCAGACCTTCGG
 GGCCAACCCAGCCTTGGCAGCTCCCTCCGATACCTGGACCTGAGCAAGAACCCAGGGCTGCTTGGCACA
 GACGAGGCCAATGCCCTCTATAGTTTCTGGCCCAACCAACGCCTTGGTACACCTGGACCTTTCAGGGA
 CTGACTGTGCCGTTGACATGCTTCTGGGCGCCCTCCTTATGGCTGCTGCTCACCTCACCTACCTCAA
 CCTGGCTCGAAACAGCTGCTCCACAGGAAGGGCCGGGAGGCCCGCCAGCCTTCAAGCAATTCTCAGC
 AGCGTCTACACCCTGAGCCATGTCAACCTGTCAGCCACAAGGCTGCCCTGGAGGCCCTCAGGGCACTTC
 TTCAGGGCCTCTCCCTCAACAGTCACCTCAGTGATCTGCACCTGGACCTTAGCAGCTGTGAGCTCCGCTC
 AGCAGGAGCCAGGCCTTGCAGGAGCAGCTGGGGCTGTACCTGTATAGGCAGCCTAGATCTGTCTGAT
 AATGGGTTTACTCAGACCTCCTGACGCTGGTGCCTGCACTTGGCAAGAACAAGTCCCTCAAGCACCTAT



TCCTAGGAAAGAACTTCAATGTCAAGGCCAAGACTTTGGAAGAGATCCTGCATAAGCTGGTGCAGTTGAT
 CCAAGAAGAGGACTGTTCCCTGCAGTCGCTGTCCGTGGCAGACTCCAGGCTGAAGCTTCGCACCAGCATC
 CTTATCAATGCCCTGGGCAGCAACACGTGCCTGGCCAAGGTGGATCTGAGTGGCAACGGCATGGAGGACA
 TCGGGGCCAAGATGCTGTGCAAGGCGCTGCAGATAAATCTTCCCTCAGAACTATACTATGGGATCGGAA
 CAATACGTCTGCCCTGGCTTCTGGACATTGCAAGGGCCCTGGAGAGCAACCATACACTGCGCTTCATG
 TCCTTCCCTGTGAGCGACATCTCTCAAGCTTACCAGCTGCCCTGAGCGCACCGAGGATGTGTGGCAGA
 AGATCCAGTGGTGCCTGGTGAGGAACAACCACCTCCAGACATGCCCTCAGGAGCAAGCCTTCAGGCTGCA
 GCAGGGCCTGGTGACCAGCAGCGCCGAGCAAATGCTGCAGCGGCTGTGTGGACGAGTGCAGGAGGAGGTG
 CGGGCCCTGAGACTATGTCCCCTGGAGCCAGTGAAGATGAGCTGCTCTATGCCCGGACCTCATCAAGG
 ACGCCAAGAACTCCCGGGCGCTCTTCCCAGCCTCTATGAGCTGGGTACAGTGTGGCCAACGATGGGCC
 TGTGCGGCAGAGACTAGAGTCGGTAGCCAGTGAGGTATCCAAAGCTGTGGACAAGGAGCTTCAGGTGATT
 CTGGAATCCATGGTCAGCCTAACACAGGAACTGTGCCCTGTGGCCATGCGGGTGGCAGAAGGACACAACA
 AGATGCTGAGCAACGTGGCAGAAGCTGTACTGTCCCCGGAACCTCATCCGCGGAGCGCTGCTGGAGCA
 GGGCGGACAGGACATTCAGAACAAGCTGGACGAGGTGAAGCTGTCCGTCGTACCTACCTGACCAACTCC
 ATAGTGGATGAGATCCTCCAGGAGCTGTATCACTCCCACAAGAGCCTGGCCCGGCACCTGACCCAGCTGA
 GGACACTGTCCGATCCACCCGGAGGGGCAAGCCAAAGGCAAGGATCCATCTTCCCAGGCAGAGGCAGGAA
 CCATGACCACGAGGAAACGGATGATGAGCTTGGGACCAACATCGACACTATGGCCATCAAAAAGCAGAAA
 CGCTGCCGGAAGATCCGGCCAGTGTCTGCCTTCATCAGTGGGAGCCCTCAGGACATGAAAAGCCAACTGG
 GAAGTTTGGGGATCCCTCCTGGATGGTTCTCAGGACTTGGAGCCAGCCAGACCACAGCAAGTGGCTCCTG
 GGAAGGCTATCTGAGCTACCTACCCATGGCTATAAACTAAGGCATCAAACACAAGGGAGGCTTAGGCT
 CCCAGGACCACTCCCCAGGACCTGGCCGGCCAGTGTGCCAGTGCCTGGGCCTCGTCAGGAGAATGGGA
 TGGCCACCCGCTAGATGAGGGGCTGGAAGACTTCTTCAGCAGAAGGGTTCATGGACGAAAGCTCCAGCTA
 CCCCCGGACTGAGGACCATGCGACACAGCCTTCAGAGCCACCGCTGCCTCCACTCCAGAAGAAGTGA
 AGGCGAGGCTGTTTCACTTCCGCGGCCCGGAGCTTCAAGGGGACAGGGGACAGGTTCCCCCACTG
 CTGGACTCCTCCTCCCTCCACCCCAACCCCACTCAGGAGAGCCCTCCAGCCAGACCCCC
 AAGCCTTGGCAATAACTCATCTCCTTGTGGAGCCAGAGGAGGAGCAGCCTCCTTCTGGATTTGGA
 GGGGCCGAGGATCTTCTTCTGCAGGAAGATGGGCACAGAGAGGTTGGAGGCAGGAGAGGGAGCCCCAG
 CCCCTGGGACAGCGCAGCAACCAAGGTGCACGGTGGCGTTGCCCTTCTGGCTTGGGAAGAACCAAGG
 GTGGAGCTTTGATGGAACAGAGAGGGCACAGACCAGACCAGGAGGACAGTACCAGGCTTGGCAGAAA
 CGGCGCTTTCAGATGATGCAGGGCCTGGAGCCTGGAAGCCACCACCGCCCCACAAAGCTCCAAGCCAA
 GCTTCAGCGCCATGCGCCGAGCAGAGGCCACGTGGCACATAGCTGAGGAGAGTGGCGCAAACACAGCTG
 CCAAAGCCCTAGCCAGCTTCCCAGGATGGAGACGAGGAAAAGCAGGGCGCCTTATCCCAGAGAGAATG
 GTTCCCACTAGGAATGCCAAGCTACAGGAGCCCCCATAGGTCCACGTCCCCCTAAGCCAGTGGCTGTGC
 CCAGGGGCCGAGGGCCCCCAGGTGCCAGGAGGCAGAGAAGAGACTGAGAGCAGCAGTGTGCCCCAGG
 AGCCAACAACCCCGGCTGAGACTGGGCTCACAGCAAGACCAAGAGGAGCCAGAAGGACAAGGACCCACT
 GATCAGGGCCGACAGGACAGCGCCCTGAAACCCAAGAGAACACGGCGAGCACAGTCTGTGACAAACTGG
 AACCCGATAGGAGACAACCACCTGACCTACAGGTGTCTGTGGAACCAAGTGAACCAGGAACAGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001024645

Insert Size:

4128 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_001024645.1, NP_001019816.1</u>
RefSeq Size:	4620 bp
RefSeq ORF:	4128 bp
Locus ID:	268747
UniProt ID:	<u>Q3UFQ8</u>
Cytogenetics:	14 C3