

## Product datasheet for MR212624

### Cilp2 (NM\_026818) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cilp2 (NM_026818) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cilp2
Synonyms:	1110031K21Rik; AA407300; CLIP-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR212624 representing NM_026818 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCATCACCTCTGCCCTTGCTCTATCTCTGCCTTGCCGCCTTACACCTAGCGGGAGCGGAGATGCCA  
CCCCACCGAGGAGCACACTTCAACCGCCAGGGGTCTTCAGGGACGGCCGAGATACCGGCCAGCCCTC  
GCCAGCCCTGGAAGATTGGGAGGAGGCCAGCGAGTGGACGTCGTGGTTCAACGTGGATCACCCGGGAGGA  
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TGGCACTGGAGGCGCGCACCCGACTGGGCGCTACCAGCTGCAATGGGCGAAAGGTGCACGCCAACCC  
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TAGGTCGTGCGCTGCGCCGCCGAGCTGTCAAAGCTCCTCTGGGGACACGTGTCCCGGGAGCCCCAGGA  
GGCGCAGAAGTGCCTGAGATCCCGTTGTCCAGGGTGTAGCTCCGACACCTGCGGGTGCCCAACACATC  
CTCCTGGGTTCACTGGTCAACCCATCTGGGCGACCGCTGTGAGGACAGGGTCTCCCTGAGAACCCGAC  
CTGGAACCATAGCCACCAGCGGTACCATGGAACCTTCCAAGTGCCCGGAGTCTGCGCGGGCAGCAAGGC  
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GTTCCACAACGGGACTCTCCTGGACCGACGCCAGCGGGTCTGGGCCACACCTAGAGCTCCAGGGGCTT  
CACCAGGCGCAGGAGGGGAGTACCCTGCAAGGCCTGGAACGAGGCGGGCACGGTGCATCCCGCGCAG  
CCCTCCTCACGATACTCGCTCCCGGCCAGCAGGCTGTGACCCCGACCTCAGGAACACCTGATCAAGCT  
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TTCGCCAGGATACTGCTGGGCCGCGCACCCATCGGCTTACCTCCTACCAGGGCGACTTACCATCGAGG  
TGCCGCCAGCCACCGAGCGCCTCGTGGTACTTTCGTGGACCCGAGTGGAGACTTCGTAGACAGCGTCCG  
CGTGCTGCCTTTTGACCTCGCGGAGCCGGTGTGTACCACGAGATCCGCGCGCTGCGCAAGGCGGCCGA  
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GCCACGTTTGGCCAAGGAAATTGCTATCGGCCGCTGCTTCGACGGCTCTTCTGATGGCTTCTCGCGGGA  
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR212624 representing NM\_026818  
 Red=Cloning site Green=Tags(s)

MASPLPLLYLCLAAHLAGARDATPTEEHTSTARGLQGRPPDTGQPSPALEDWEEASEWTSWFNVDHPGG  
 DGDFFESLAAIRFYYPARVCPRLALEARTTDWALPAAMGERVHANPERGFWCLNREQPRGRCSNYHVH  
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 LLGSVVTSPGRPLSGARVSLRTRPGTIATSGTHGTFQVPGVCAGSKASVSAQMNGFSAGTAQAHANSNT  
 ATVIIILEELGKPYLVKHPESRVREAGQNVTFCKASGTPMPKKYSWFHNGTLLDRRQQGSGPHLELQGL  
 HQAQAGEYHCKAWNEAGTVRSRAALLTILAPGQQACDPRPQEHKIKLPDDCGPQGGGPTYLDVGLCADTR  
 CPGPVGSGRPGDAGSRCCSVLRLERSDIRCSGYVLPVKVVAECGCRKCLPRRGLVRGRVVAADSGEPLR  
 FARILLGRAPIGFTSYQGDFTEIVPPATERLVVTFVDPSPGDFVDSVRVLPFDRPGAGVYHEIRALRKA  
 AAVLLDAERGGIPLGSTEAPALGELVLPPTGFHHPDGRPYTGPVEARVTFVDPRLASASAASSDLRFLD  
 SAGELAPLRTYGMFAVDLRAPGSTEQLHVARADVHVDADHVRMPGHAEALALWSLDPETGLWEEEGSEQG  
 SGGFRRETAARVRREERAFLV GAL TMRERRL FNLDVPERRRCFVKVRAYGTRDFAPAEQVQGVVTTLLN  
 LEPAPGFTANPRAWGRFDSA VTGPNGACVPAFCDAEKPDAYTAFVTAALGEELEAAPSRRPRATAAVVGV  
 AQPYLERLGYQRTDHDDPALKRTGFRLNLARPRAGHESEAHGPVYPWRRLRDCEADPVTD SHFRF SRVEA  
 DKYEYDVVPFHEGAPASWTGDL LAWPNPQEFACFLKVR LQGPQ EYMVRSHNAGGTHEATRGRLYGLRD  
 TRSVRHPERPGASAACVEFKCGMLFDQRQVDRTLVTVTPQGSCRRVAVNTLLQDYLARHPPLAAADDDPA  
 AFAMLAPLDALGHNYGVYVTDQSPRLAKEIAIGRCFDGSSDGF SREMKADAGTAVTFQCREPPARPSLF  
 QRLLNPSSALGDIRREMGQATRYSRVNQTQAGDTGPFPGGQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9095\\_h08.zip](https://cdn.origene.com/chromatograms/mm9095_h08.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

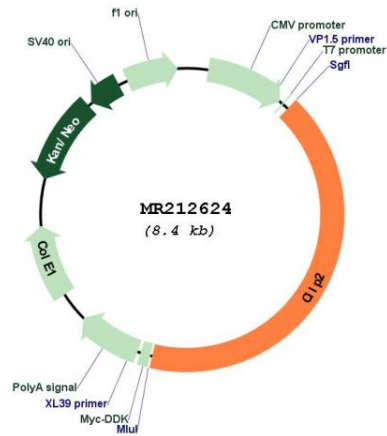


**ACCN:** NM\_026818

**ORF Size:** 3486 bp

<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_026818.2</a> , <a href="#">NP_081094.2</a>
<b>RefSeq Size:</b>	4022 bp
<b>RefSeq ORF:</b>	3489 bp
<b>Locus ID:</b>	68709
<b>UniProt ID:</b>	<a href="#">D3Z7H8</a>
<b>Cytogenetics:</b>	8 B3.3
<b>MW:</b>	125.9 kDa
<b>Gene Summary:</b>	May play a role in cartilage scaffolding.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR212624