

## Product datasheet for **MC205644**

### Limk2 (NM\_010718) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Limk2 (NM_010718) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Limk2
Synonyms:	Limk-2; whe
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:**

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>BC007129
CCCACGCGTCCGCCACGCGTCCGAGGGGCAGAGACAGCCTCTTCTCTAGACCGCAGCGGGCGCGGACC
TGAGGGCGTGTGCCGGGTGGTCTTCTCTGTGTTCGCGCCCTGGACCATGGCGGGCGTGGCGGGTGA
TGAAGCCTGGAGGTGTGGGGGTGTGGCACCTATGTTCCCTGAGCCAGAGGCTCTATAGGACTGCCAAT
GAAGCCTGGCATGGCTCTGTCTCCGGTGTCCGAATGCCAGGAATCCCTCACCACCTGGTACTATGAGA
AGGATGGGAAGCTGTACTGCCACAAGGACTACTGGCCAAGTTTGGAGAATTCTGCCATGGGTGCTCCCT
GCTGATGACGGGGCCAGCCATGGTGGCTGGGGAGTTTAAAGTACCACCCAGAGTGCCTTTGCCTGCATGAGT
TGCAAGGTGATCATTGAGGATGGAGATGCATATGCCCTGGTGCAGCACGCTACACTCTACTGTGGGAAGT
GCCACAACGAGGTGGTGTGGCACCCATGTTTGAAGACTGTCTACAGAGTCTGTCCAGGATCAGCTGCC
CTACTCTGTACGCTCATCTCCATGCCTGCTACCACCGAGTGTAGACGCGGCTTCTCGGTGACTGTGGAA
AGTGCCTCTTCTAACTATGCCACCACCGTTCAAGTGAAAGAGGTCAACCGGATGCACATCAGTCCCAACA
ACCGAAATGCCATCCACCCTGGGACCGCATCTTGAGATCAATGGGACCCCTGTCCGACTCTGCGAGT
AGAGGAGTGGAGGATGCAATAAAGCAGACAAGCCAGACACTTCAGCTGTGATTGAACATGACCCTGTG
CCCCAGCGCTGGACCAGCTACGGCTAGATGCCCGACTTCTCCCCACATGCAGAGCACCGGACACACGC
TCATGCTCAGCACCTTGGACACCAAGGAGAATCAGGAGGGGACACTGAGGAGACGTTCTCTGAGGCGCAG
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CGGAGCCTGGACCACCCTAATGTGCTCAAGTTCATCGGAGTCTGTACAAGGACAAGAAGCTGAATCTGC
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TGTCCCAACAGACTGTCCCCAGCCTTCTTCCCCTGGCTGCTATCTGCTGCAAAGTACAGCCTGAAAGC
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CACTGCCAGCAGAGCTGGAAGACCTGGACCACACTGTGAGCATGGAGTATGGCCTAACCCGGGACTCGCC
ACCCTAGCCCTGGTCCCTCCCCGTCAGGGGGACATTCCACAGCCAGCATTGCCCTCTGCACGCTGTC
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CTACTACCTCCCCAGGAGGCACTTGGGTGCAGGGAAAAAATTCTCCGCAAGTTTGGGGGCTAGTTTC
TATCTGTAATCCAACACTCACCTGAAAGCTGTGAAGAGGATAAAAAGAGCCTGGATTATAGACCAAGAGT
CTGTTACTCGGGACTACTTGGGACCTCTGTGGATTGAGATTCTGGGAGGCTGTAGCTTTACACTAATCAA
CATGATCTGGGCTGTGGGCAAGATGACGGAGTGAAGTGGCCTGAGGGCTCTGGAGTCTGGCTCAGCAA
GGTGCAGGACTTGAAGCGGTAGTATGAGTTACAGAAACGGGGAACCTTCAAAGCATGTGAAATGACAGTA
CGGATTTCTCCTCCATCCCAGGCCATGCCCTTTGGAGCAGGTTTTAAAGAGTCTTAGTATGTGGTAAAAC
CTACAGAATCCAACAAAGGACTGGTCTCTGCTCACAGCCAGGGACCACATCAGTGCATGGGGAGTTTCC
ACTTCAGCATCCTGTCTCAACAAGCAGTCACTCACAACAAACACCAAGAAACTGGGGCTGCAACAGGCC
CTGCCCTCTAAAAGCCCTGTATCCAGGCTGGTGGGCTCAGTCAAAAGCTCAGCATGTTGCCAACAGTAC
ATGGGTTCTGGATGCCAGCCTGGTTTGCCTCAGACTTTGGGTCTAAGCAGAGAGAAGGGGTCCCATCAA
TTTCTTTGCACCCTTGTGGCAGTACTGCACATCCTCTAGAATGTCTGGGCCAGGAGCAATGTGGGACA
GGCATTGGTGGCTGTGAGTCCCCAACTGAGATAGGAAAAGAACACCCTGAGCTGGGCTTGTAGATTC
TACCTCTTTTGTGCTGGTCCAGCTTGTCTTCTGAGCCACACTCGAGGGCCATGGGCATGGGCAACTAT
GGGGGCACTTTTACCCCTGGCTGCCAGGTGTCCAGGGACTCTGTAGCTACCAAGGTTTGTCTATTAAG
CGGGAGCTCACGCCATGTTTAAACAAATTGGGAATGGGTTTGGTTATAAATACATGTGATGGGTTGACTG
GTGGGGGATTCAGGAAGAGTGGTTGCTGTTATTAGCTTTTATCTCTGGGGTGATATGTGAGATATTTG
TACATAGACGAAATGAATTATGGGATGGGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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**Restriction Sites:**

RsrII-NotI

<b>ACCN:</b>	NM_010718
<b>Insert Size:</b>	1917 bp
<b>OTI Disclaimer:</b>	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).
<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="#">BC007129</a> , <a href="#">AAH07129</a>
<b>RefSeq Size:</b>	3375 bp
<b>RefSeq ORF:</b>	1917 bp
<b>Locus ID:</b>	16886
<b>UniProt ID:</b>	<a href="#">O54785</a>
<b>Cytogenetics:</b>	11 A1
<b>Gene Summary:</b>	Displays serine/threonine-specific phosphorylation of myelin basic protein and histone (MBP) in vitro.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (a).