

Product datasheet for **MC206053**

3000004C01Rik (BC057614) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	3000004C01Rik (BC057614) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	3000004C01Rik
Synonyms:	3000004C01Rik
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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>BC057614
GTTTCGGTGAATCGGGTGTGGGGAGCTCTCTCCTGAATCCGAGGGCTCCTGTCCGAGGCGGAGGGACGC
GTAAGCGACCCCCGACACCAGCACCGGGAACCGACGAGAGGTGTTGCCATGGTGTGGCTGTGGAAGACA
GCGTGGTTCGGGTGGTCTGCGGGTGGAGCCTCCCACCCCTAAGGAGCTAGAGAGTCAGCGGGCGGCTGT
GATTCAGTGGTAGACGAGCGGATGCTGGTATTTGACCCGAGGAGTGTGATGGGGGATTTCTGGCCTA
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GGGCTACAACCTGCTCAGTGTTCCTATGGCGCCACCGGGCTGGGAAGACACACACTATGCTGGGGAGG
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CAAAGGACCCCTCACCATCCGTGAGGACCCAGATAAGGGTGTGTTGGTGGCCGGGACTTTCTTTCCACCAG
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ATGCCAACGCCACATCCTCCGCTCTCATGCCATTTCCAGATCTTTGTGAAGCAGCAGGACCGGGTTCC
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AGCACCCATGCCAAAGGAGAGCGGCTGCGGGAGGGTGCCAACATCAACCGCTCTCTGTTAGCACTCATT
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CGAATCTGGAGATGAAGCGCCAGCGCCAGTCTTCTCCCTGCCTAAGAAGGGGCTCTCTACCTAAGGC
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TGGCCCTACCCACTCGGGACCTCAACACCACCTTCAATGTCTCTGAGGAGTCCCCCTCAAACCCAGCTT
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GTACTATGAGGCCCTCAGTCTCCCGAGGCCGAGCTGTATTGCCCGTCTCCACAGTAGCACCTTGAAGAA
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GATTGTTCTGATTGCGCAATAGCCTTCTTGTCTACAGCTGCCAATGCCAAGAGTCCCTAGCCTGCCTT
CCTCACCTTGAGCAATTAACACCACCATGCCTTAGCTCTGTTAACACCCCTCCCCAACCCTTGTCTAT
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CAAGAGGGTGTGACAAATGCCGGCTTAGCTCTCCTGGTGTAAACACAGCATAACATTGAAATGTAAG
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TTCTCATCTTTGGCTTCTCCACATTCACATGTATTGTATTTATATGTATACATAGGTGTATGCCTATA
TATATATATATATATATATATATATATATATATATATATATATATATATATATATATATATATATAT
TCTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites:

Ascl-NotI

ACCN:	BC057614
Insert Size:	2505 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:	BC057614 , AAH57614
RefSeq Size:	3358 bp
RefSeq ORF:	2505 bp
Locus ID:	70218
Cytogenetics:	11 E1
Gene Summary:	In complex with KIF2C, constitutes the major microtubule plus-end depolymerizing activity in mitotic cells. Its major role may be to transport KIF2C and/or MAPRE1 along microtubules (By similarity).[UniProtKB/Swiss-Prot Function]