

Product datasheet for **MC202741**

2610208M17Rik (NM_145626) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	2610208M17Rik (NM_145626) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	2610208M17Rik
Synonyms:	MGC6869, BC004835, MGC101949
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:	>BC004835 sequence for NM_145626 GGGGTCCGTAGGCCTCGCCGAGCCTCCCTTTCCTCACCCTGCGTACTAGGGCCCGAAGCCCGGGGCGGG GACCGGCATGTCGGAGGTGACCCGAGTCTGCTGACGCTGGGGCGCCAGTCTTAGGAGAGGCGCCGA CTTCGACTCTTGGGGCCAGCTGGTGGAGGCGATAGACGAGTATCAGATATTAGCAAGACACTTACAGAAG GAGGCCAAGCTCAACACAATAATTCTGAATTTACAGAAGAACAAAAGAAAACCATAGGCAAAATTCGA CATGTTTGAATTGCGTAGTGCAGCATTACAGTCCACACAGTCCCAAGAAGAGTTTAAACTGGAGGACCT GAAGAAGCTAGAACCAATCCTGAAGAATTTCTTACATATAATAAAGAATTCCTTTCAGCCT ATTCCATTAAGACGTATTTTAGCACCTGGTGAAGAAGAGAATTTGAATTTGAAGAAGATGAAGAAGGTG GTGCTGGAGCAGGCCTCCTGATTCTTTCTCTGCTAGAGTTCTGGTACTTTATTGCCACGGTTGCCATC TGAACCAGGGATGACATTACTCACCATCAGGATTGAGAAAATTTGGTTTGAAGATGCGGGCAGTGCATC GATCCCTACATCACAGTACGCTGAAAGATTTGAATGGCATAGATTTAACTCCCGTACAAGACACTCCTG TGGCTTCAAGGAAAGAAGATACTTACGTCCACTTAAATGTGGACATTGAGCTCCAGAAACACGTTGAAAA GTTAACCAAGGTGCGGCAATTTCTTTGAATTCAAACATTACAAGCCTAAAAAGAGGTTTACCAGCACT AAGTGTTCCTTCATGGAGATGGATGAAATTAACCTGGGCCAATCGTAAATAGAATAACAAGAAAC CCACTGACTTTAAAGAAAGAAATGCAATTTGACCAAGAAACCACTTTATCTTCATCTACATCAAAG TTTGACAAAGGAATGATCCTGATACAAATAACCAAGAAGTGTGTGAATTTACCCTCAGAACCCATCA TAGCTCTGAGTAGCATAATCACCTTCAACAGGCAGGAAGTGAGCCCTACCCATGCCAGTGACCAAGCC AGTCTATTGCACAGCCGACCCAGAACAAAAGTTGAGCAGTACTGACCTATCACTCCTTTGGATACA GGTTTATTGTAGATTTGGAAACGTTTTCACTTTTCTATTAATTTGTGAATGAATAGTCTATTTTCTCATT GCCACTACTCCCTGTTTCCCGGACAGCACTGTTGTAGATGTGCAGAAGTCAACAATGCAGCAATAAGA ATGTGCAAGAGTCTACGCTCTGCTCCTTCTGCTCCAGCATGCTCAATTTCAATGCCATGCTGTGAGTT GAAGTGGGTAGAAGTCTCTTAGAGGAAGTGGACTAGTTACATTGCTAGCAAAGTCTCCTTAGAAGAGA CCTAGCCTGGTCCCGTGGTCTCCTGCATAGAAAGTGTGACCTGGCCAGATGAGCATCCCACCCTGAGTG TTCCCGGATGACCAGACTGATTTCTGAAAGAGAGCACGTGATCGTCAGGTGGATTATCTGCTCTTCTC TATTGTACTGCTAATTTCTGGTAGTTCTAGGGTTAACGTTGGAACCTCTCAGAATAACTATGGATT TGAAAATGTGTTTACAGTATCTTTAACTGTATCATTTAGGAACAGTTGAGTCAGATGTCAAGATGTTG CGGGATAACTGCTGCTTTCTGACCACCCGTTGTGAGACCTTAAGACCCCGTACCTCCTTAGTATGCA AAAATCTGAAAGACTGTCTATTTTTTTTTAATATAGGTAGATAGGATTGCCATTTATTTCTATTTAGA TATACAGTCATTCATCCATATGAAAATATGCAGGTCAGTATTTATTTGAATGGACTATTTACTTTTGG TGTAACAAGGCATAAATAAACTTTGAAAGCACAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_145626
Insert Size:	1107 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: [BC004835](#)

RefSeq Size: 2002 bp

RefSeq ORF: 1107 bp

Locus ID: 108909

Cytogenetics: 1 H5

Gene Summary: Acts as a ventralizing factor during embryogenesis (By similarity). Inhibits axin-mediated JNK activation by binding axin and disrupting axin homodimerization. This in turn antagonizes a Wnt/beta-catenin-independent dorsalization pathway activated by AXIN/JNK-signaling. [UniProtKB/Swiss-Prot Function]