

Product datasheet for **MG203299**

2210016L21Rik (BC031162) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 2210016L21Rik (BC031162) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: 2210016L21Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG203299 representing BC031162
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTGGCGCCCAGCGGTGCAATGAGCGATTCCGGAGAACAGCAGCAGTAGCAGCAGCGATGCGGAGGAAT
 TGGCAGCTGTGCGGAGGCGGCTACGCCCGCTGGGGCTGGAGCAGCGCCCGGGGCGAGCGGAGAGACC
 CGAAGCCGGTGTGCAGATAAACAAGCACCCGACCCCGCAGCCAAGCCGCAGGCATGAGGTGAACAGCAC
 GAGGAAGATGGCAACGACCTTCGGACCACTCCTGAGTCCGAGCCACGTGGCCAAGAACTGGGAGCCC
 TGCTGGACAGCTCCATTGCCATCGCAGAAGTTTGAAGAAGTCGAAAAGGCAAGATGCAGCAGGTGGC
 AAAGGAGGAGGATGGCTTCCGCCTTTTCTCACATCCATCCCCGGAGGCCATAAGAAGGAAGCCTCTCCA
 AGACCCTGCCGGAAGCGCCAGCCCCAGCTCCAGTGAGGACAGCGATGAGGAACTGCAGCGGTGCCGGG
 AGGCAGCTGTGTCGGCTTCAGACATTCTCCAGGAGTCAGCCATACACTGCCCTGCCAAGGCAGAGGAGAA
 GAAGAAGTTGAAAAGAAAGCCAAGAAGAAGGTGGACAAATGCTGACCTGGCTGCAGCCCCAGGTCTGGAA
 CAGGTAAGGAGGAGCGGTTGTCAATGGGGACCCGGTGTGCTGGGATCCAAAAGAAGAAAAGAAGA
 AGGCCAAGAAATCCAGAGAGGCTCCCCTGTGCCACCAGCAGAGTGTGCAGCGCGAAGCCTGAGAAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG203299 representing BC031162
 Red=Cloning site Green=Tags(s)

MVAPSGAMSDSENSSSSSDAEELARCREAATPAWGLEQRPGAERPEAGAADKQAPTPQPSRRHEVNQH
 EEDGNDLRTTPEFRAHVAKKLGALLDSSIAIAEVWKKSQKAKMQVAKEEDGFRLFFTSIPGGHKKEASP
 RPCRKRQPPSSSEDSDEELQRCREAAVSASDILQESAIHCPAKAEKKKLKKKAKKKVDNADLAAAPGLE
 QVKEAGVYNGDPVSLGIQKKKKKKAKKSREAPLCPAEECAAAPEN

TRTRPLE - GFP Tag - V



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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>BC031162</u> , <u>AAH31162</u>
RefSeq Size:	1350 bp
RefSeq ORF:	770 bp
Locus ID:	72357
Cytogenetics:	5 F
Gene Summary:	Plays a role in the regulation of Wnt signaling pathway during early development. [UniProtKB/Swiss-Prot Function]