

Product datasheet for **MC205295**

2410015M20Rik (NM_153152) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	2410015M20Rik (NM_153152) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	2410015M20Rik
Synonyms:	Mic13; QIL1; sr104
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC056164 AGACTAACCATGGTGGCTCGAGTGTGGTCGCTAATGAGGTTCTCATTAAAGGGAAGTGTGGCTGGAGGAG CAGTCTACCTTGTATGACCAGGAGCTGCTGGGGCCTAGTGACAAGAGTGAGGCTGCCCTGCCGAAGGC CGAGGAGTTGTGCCACCAGCAATGTACCAGTTACGCCAATATGTGTGCCAGCAGACAGGCTGGAGATG CCACAGCTCCCAACCCCTCCAAAGATTAATTTCCAAACTTCCGTGATTCTGGAAGTCAAGGCATCATCT CAGTCATGTCAGCCTTGTGGTGGCCCCCTCCAAGGCCGAGAATACTCCAAGGAGGCTGGGAGTACCT CAAGGAACACAGCAAGTAATGGATGCCACCTGCCCCAGCATTATGGGGGTCAAGACCAGGATGCCAGAGA CATCCCAGTGGGGACCTCACTCTGAGGGCAGCTTCCAGCATTGCTGGCCAATAAAGGACTTGGGAATGG TCAAAAAAAAAAAAAAAAAAAAAAAAAA
Restriction Sites:	Ascl-NotI
ACCN:	NM_153152
Insert Size:	360 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).



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Reconstitution Method:

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: [BC056164](#), [AAH56164](#)

RefSeq Size: 517 bp

RefSeq ORF: 360 bp

Locus ID: 224904

UniProt ID: [Q8R404](#)

Cytogenetics: 17 D

Gene Summary: Component of the MICOS complex, a large protein complex of the mitochondrial inner membrane that plays crucial roles in the maintenance of crista junctions, inner membrane architecture, and formation of contact sites to the outer membrane. Constituent of mature MICOS complex, it is required for the formation of cristae junction (CJ) and maintenance of cristae morphology. Required for the incorporation of MICOS10/MIC10 into the MICOS complex.[UniProtKB/Swiss-Prot Function]