

Product datasheet for **MC205248**

4921537D05Rik (NM_027479) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	4921537D05Rik (NM_027479) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	4921537D05Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC070464
 CTCAACCTTTCCCGAGGCGTGGGTGCCCTCGCGGACCGTCCGGCTCCTCGGTTCCGCTCCAGCCCCGCGG
 CGGCAGCGGCCGCTTGGACCGCTCCGGGCCACACCCAGCCGGTGGGACCGTCCCGAGCCCTCGGCC
 CAATGCCTGGGAGAGCAGAGCGGAGTGGGTGGCGGTGGTTGGAGCTGTCCGGGGGCTCCCGGTGGCGAG
 CGCGGCTGCTGTGCTGGGGCAGCAGCGGGGACCGTGTGTGAGTTGGCATGATTTGGTCCCCTGGGATT
 CTGCCTTAGCAAGAAAGAAGTTGAAAATACTTCTGGAAGAAAATAAAAACAATACAAAAGCCACAGCTT
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 ACGACTTACTGAATCAAACCACATGCTGAAGGACATGGTGGAGAGACTAAAACAAGATGCCGAAATTT
 AAGGAGCCAAGCTGAGAAAGCACAAGTACAGCTTGAAGGACACTGGAGGAAAAACAGATCCAGTGGTTG
 GAAGAAAAGCACAAGCTCCATGAGCGAATCACAGACAGAGAAGAAAAGTATAACCAAGCCAAGGAAAAGC
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 GAAAGTAGAAGTCTTGGAGGCAAAGAAAGAAAGTAAAGTAAACAGAAAACAGGTGCTAAATAGACAAAAT
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 GAAGTCTAATTTGGTTCCTAACATGCCTCCAACAGCATCGATTAGTCTGCTAAGTCCAGTCCGAGT
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 GGGAGTGAAGCCTGAAGACAGGCAAGCCAGAGACTCAATAAAAGTCTGACGGGTAACTGTGGCACTGA
 GACGCTTCTTCTGTTTGC AAAATCCATGAGCTGCCTCAAGAAAAGTACTAGCAGCGCACTGCATGG
 GCTCCAAGATTTAGGATTATACTAAGAAAATGAAAGTATTCATATATTTAGAACATGCATTGACAATCT
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 TCCTTGGTAATGACAAAACCAATAAACATCTCCTTTATTATATATAAAAGTTTTGAAAAAGATAATCATT
 TATAAGTATAAAAACCACTTAAAGTTTCTAAACATGTTTATTATAGAAATCTTTACCTTTCTAAAAGC
 TGTGCACTTAATTTATTGAATACTTAATAAATATTTTTGTATCTCAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI
ACCN: NM_027479
Insert Size: 2079 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:	BC070464 , AAH70464
RefSeq Size:	3006 bp
RefSeq ORF:	2079 bp
Locus ID:	77048
Cytogenetics:	10 C2
Gene Summary:	Component of the distal appendage region of the centriole involved in the initiation of primary cilium assembly. May collaborate with IFT20 in the trafficking of ciliary membrane proteins from the Golgi complex to the cilium during the initiation of primary cilium assembly. [UniProtKB/Swiss-Prot Function]