

Product datasheet for MC211610

4930550C14Rik (NM_029247) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	4930550C14Rik (NM_029247) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	4930550C14Rik
Synonyms:	AU017961
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC211610 representing NM_029247 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGTCTGTGAAACATATCCAGGACAATTCAAACCAGGAAATAGCTGCAAGAATCATTAGAGGGCCTGGA
 AAACCTTCCTTAATGTTCCGTATACCAGCATTTTAAAGTCTGATTGACCTAAGAAGACAAGGGGAGCC
 ACGTCAGATAGTGAGGTACATTAACCCTAAGAGGCACAGCTCCTAGATGCTGCTGGCGTCCAAGTC
 CGATTGAGGTTGGGTGGGTTAGATTTCCACCTGAGATATACTATAAAATTTTACTCACAGACATATTG
 AGGATCTGTGTGCTAACAGCCCTAGAGATTACACAAAGCTTCAGCAAGATACACATCCCAACAAAGA
 TGATCCACCCCAGGTGGAGGACAACAGTGGTGGTATCGCCGTGTAGAGAACAACGGCTGGAGGCGCTGTT
 TCCTACAGATTTTGGATGCCACTTGAAAGCGGAGTGGTGGACAGCACAAAGGAAAGCGAATTTTCATTCT
 CTAAACTGAAGAGAAAGCAAGATCTGGAGAAGAAAGGAAATTAATAAATTTGATTGGATGAGACAAAT
 GTACTACATGGGAAGCCTGGAGGCCAAGCAACAGATAATGAGACTTTAGGTCTAATTCACAAAGCAACA
 AAAGGCCTAATCAAGAGTATTGAAGATGGTGGAGTGGATTCTGTAATGGAGTGGGAAGTAGATGAAGTGC
 TGAAGTGGACAAACACTCAACTTTGATGAGTATATTGCAAGTTGGAGAGAACTGCTACAAGCAACTC
 TTCAGCTAACTTAAAGATGTCAAGCTTCAGCGAATACAGAAAGCCTACAGAGCAACATCTATGGCGAT
 GAGGCAAAGCAAGCAGAGGAGTCACTGTACGATGATTCTACTTACTATGAAAATGCTTATACAAACAGT
 TCACTAGATTAAACCCGATTCCATGTTCCGGCATG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_029247


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Insert Size:	948 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_029247.3 , NP_083523.1
RefSeq Size:	1237 bp
RefSeq ORF:	948 bp
Locus ID:	75311
UniProt ID:	Q9D4W2
Cytogenetics:	9 A5.3
Gene Summary:	Acts as an inhibitor of mitochondrial fission. Interacts with MFF and prevents DNM1L recruitment to mitochondria, promoting a more fused mitochondrial network. [UniProtKB/Swiss-Prot Function]