

Product datasheet for MC214979

Minos1 (NM_001163006) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Minos1 (NM_001163006) Mouse Untagged Clone
Tag: Tag Free
Symbol: Minos1
Synonyms: 2310028O11Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214979 representing NM_001163006
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCGGAGTCCGAGCTGGGCAGAAAGTGGGACCGGTGCATGGCCGACACGGTCGTAAGCTAGGTACTG
GGTTTGGATTAGGAATTGTTTTCTCCCTCACCTTCTTTAAGAGAAGAATGTGGCCATTAGCCTTTGGTTC
TGGCGTGGGATTGGGAATGGCCTACTCCAAGTGCAGCATGACTTTCAGGCTCCGTATCTTCTACATGGA
AAATACGTCAAAGAGCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001163006
Insert Size: 231 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: [NM_001163006.2](#), [NP_001156478.1](#)

RefSeq Size: 2566 bp

RefSeq ORF: 231 bp

Locus ID: 433771

UniProt ID: [Q7TNS2](#)

Cytogenetics: 4 D3

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.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the shorter transcript but encodes the conserved protein.