

Product datasheet for **RN215741**

Minos1 (NM_001173556) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Minos1 (NM_001173556) Rat Untagged Clone
Tag: Tag Free
Symbol: Minos1
Synonyms: RGD1560187
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN215741 representing NM_001173556
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**C

ATGTCGGAGTCCGAGCCGGGCAGAAAGTGGGACCGGTGTATGGCCGACGCGTTAGTGAAGCTAGGTACTG
GTTTTGGATTAGGAATGGTTTTCTCCCTCACCTTCTTTAAGAGAAGAAAGTGCCATTAGCCTTTGGTTC
TGGCGTGGGACTGGGATGGCCTACTCCAAGTGCAGCATGACTTTCAGGCTCCATATCTCTACATGGA
AAATATGTCAAAGAGCAGTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001173556

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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.



[View online »](#)

| | |
|-------------------------------|---|
| 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>NM_001173556.1, NP_001167027.1</u> |
| RefSeq Size: | 529 bp |
| RefSeq ORF: | 231 bp |
| Locus ID: | 362641 |
| UniProt ID: | <u>B2RYW8</u> |
| Cytogenetics: | 5q36 |
| 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] |