

Product datasheet for **MC210483**

1700019D03Rik (NM_144953) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: 1700019D03Rik (NM_144953) Mouse Untagged Clone
Tag: Tag Free
Symbol: 1700019D03Rik
Synonyms: 2410136C24Rik; AA410151; smAKAP
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210483 representing NM_144953
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGCTGCATGAAGTCAAAGGAAACGTTCCCATTTCTACCACATTGGACATTGACAAGCTGCATGAGA
GTGAGGAGGCCTTATTCCAGATGACAGCAGTCAATATAGGACACCTTCTCCAGGTGAACAACAGCAAGT
CCAGGAAGTAAAGAACTCCAGAGCCCGGTGCTGTGATCGGTGCCCTGATCCTTGAATTCGAGACCGT
CTGGCCAGTAAAATTGTGGAGGATGCCTTGAGCAGTGGGCATGTGAAAACATCCAGTACTACAACATCC
CATACTCGAGAGTGAGGGCTCAGACACCACCTAATTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_144953

Insert Size: 321 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).



[View online »](#)

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_144953.2](#), [NP_659202.1](#)

RefSeq Size: 834 bp

RefSeq ORF: 321 bp

Locus ID: 67080

UniProt ID: [Q9CPS8](#)

Cytogenetics: 1 C1.1

Gene Summary: Binds to type I regulatory subunits of protein kinase A (PKA-RI) and may anchor/target them to the plasma membrane.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longest transcript. All eight transcripts encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.