

Product datasheet for **MC211407**

Pradc1 (NM_001163427) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pradc1 (NM_001163427) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pradc1
Synonyms: 1700040I03Rik; Pap21
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211407 representing NM_001163427
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGCCGTGGCGCCGGGCTGGTGTCTCGTCTGGCTGCCACGTGCGTGGCGCCACGGCT
TACGCATCCATGACTACTTATACTCCAAGTGCTGAGTCTGGGATATTCGATACATCTTCACAGCCAC
ACCTGCCAAGGACTTTGGTGGGATATTTACACACGGTATGAGCAGATCACCTCGTCCCTGCTGAACCT
CCAGAGGCCTGCGGGAACTCAGCAACGGCTTCTTTATCCAGGACCAGATCGCTCTGGTGAAAGGGGGG
GCTGCTCCTTCTCTAAGACCAGGGTGTACAGGAGCATGGTGGGCGGGCTGTGATCATCTCGGACAA
TGCAGTTGACAATGACAGTTTCTACGTGGAGATGATCCAGGATAGTACTCAACGCACAGCTGACATTCT
GCCCTTCTCTGCTCGGCCGAGATGGCTACATGATCCGCCGTTCTCTGGAACAGCACGGGCTACCATGGG
CCATCATCTCTATCCCAGTCAATGTCACCAGTATCCCCACCTTTGAGCTACTGCAACCTCCGTGGACTTT
CTGGTAG

ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001163427
Insert Size: 567 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).



[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_001163427.1, NP_001156899.1</u>
RefSeq Size:	1082 bp
RefSeq ORF:	567 bp
Locus ID:	73327
UniProt ID:	<u>Q9D9N8</u>
Cytogenetics:	6 C3
Gene Summary:	<p>Plays a role in the modulation of physical activity and adiposity.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) contains an alternate in-frame exon in the 3' coding region, compared to variant 1. This results in a longer protein (isoform b) compared to isoform a.</p> <p>Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>