

Product datasheet for **RN201940**

Ins1 (NM_019129) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ins1 (NM_019129) Rat Untagged Clone
Tag: Tag Free
Symbol: Ins1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN201940 representing NM_019129
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCCTGTGGATGCGCTTCTGCCCTGCTGGCCCTGCTCGTCTCTGGGAGCCCAAGCCTGCCAGG
CTTTTGTCAAACAGCACCTTTGTGGTCTCACCTGGTGGAGGCTCTGTACCTGGTGTGTGGGAACGTGG
TTTCTTCTACACACCCAAGTCCCGTCTGAAGTGGAGGACCCGCAAGTCCACAACCTGGAGCTGGGTGGA
GGCCCGGAGGCCGGGATCTTCAGACCTTGGCACTGGAGGTTGCCCGGCAGAAGCGTGGCATTGTGGATC
AGTGCTGCACCAGCATCTGCTCCCTCTACCAACTGGAGAACTACTGCAACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_019129

Insert Size: 333 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_019129.3](#), [NP_062002.1](#)

RefSeq Size: 463 bp

RefSeq ORF: 333 bp

Locus ID: 24505

UniProt ID: [P01322](#)

Cytogenetics: 1q55

Gene Summary: involved in glucose metabolism [RGD, Feb 2006]