

Product datasheet for **RN204971**

LOC680428 (NM_001109406) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: LOC680428 (NM_001109406) Rat Untagged Clone
 Tag: Tag Free
 Symbol: LOC680428
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN204971 representing NM_001109406
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACCCACACCTGTGAGCCAAGCTGCTGCAAGACTACCTGCTGCAGGACCAGCAGCTCTGAATCCAGCT
 CTGAATCCAGCTGCCCTGTGCTCATCTGCTGCCAGCCTTGCTGCTCCCAAGTTGGTGCAGCATTCCTG
 CTGCTGCAAGTCTATCTGCTGCCACAGCACCAAACTGTCAACAGCTCTTCCAGCTGTGCTGCCACCA
 GCCTGTGTGACAGCAAATGTTGCAAACCAACCTGTGTGAGCATCTGCTGCAGCACACCTGTGCCAGC
 CCAGCTGCTGCGTGCCAGCTGCTGCGTGCCAGCTGCTGCCAGCCAGCTGCTGCCAGCTCTGCTTCCT
 ACCAATTGCTGTGAAACAGCTGCTGCAAGACCACCTCGATTAAACCCACCTGTGTGGTCTTGGCTGC
 AGCACGCCCTGTGCCAGCCCTGTGTGTGCCCACCTGAGGATGATGACCAGTTCCTAAAGGAGCCGC
 CAGCAGCAGCCGCCACCATGTGGGCACAAAGCCACCTCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001109406
 Insert Size: 534 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).



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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:	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_001109406.1, NP_001102876.1</u>
RefSeq Size:	956 bp
RefSeq ORF:	534 bp
Locus ID:	680428
Cytogenetics:	10q31