

Product datasheet for **RN205702**

LOC500827 (NM_001024352) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LOC500827 (NM_001024352) Rat Untagged Clone
Tag:	Tag Free
Symbol:	LOC500827
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205702 representing NM_001024352
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGAAGTTGGGAATGACTGCTATTTCCTTTGTTAATTCACATGCATAAAGGGTCCAGTGCCGAT
 TCCGACACTGTGAAGAAGCCCTTGGCAGTGACACTGTGTGCTCATTATGGAGAGAGAAAAATGTTTAGA
 CCCACTTTGCAGATTTAGACACATGGAATGCAGCAAACTGCAGCATTTTCATGCTTCTGGAAACCCAA
 CCTCTTGTTGTGTGAAGATCAGTTGTATCTTTTACCACAGCAAACCCGAAATATCAATGGATTATTTT
 TGCCACCAAGTAGCAATACCACCTTACAGAAAGAAAGTCAGGAAGGAAGCCACCCCAACCCAGAGTCA
 GGAACCTCTGAAACCCATGGAGAACGTATCAAGACCCATTTCATCATCCATTAGTTTTAAAACTAACTTT
 GAAGAGGAGGAGGAGGAAGAGAAACCAATGATGCTTCTAGCTTATGGACAAAGACCCCTGAAGAAA
 TTGAAGAGAAAAGAGCAATAAAGGAGATGTGTTATAAATCTGGTGAATACTATAGATTCCATGCTCTCC
 AGACATTCATCATCAAAAAGCATAGCTCCTACAGTGGAGAAAGAGTTAGAAAAGCCTTTGGAAAATGGC
 AGTGAATTACAAGAAGGAGATGGTCTTACAGTTCCAACAAAGTTTAGCCTATTTGAAAGGGCAGGAGAGG
 CAAAAACATCATTGGATAGGAAACCAAGGACTGACATTGCTGCTTTTGAAAATGGAGGAGGTGACTGCTA
 TGCTCCACAGAGGATCATCTTTCTTGGAGTGGATGAAAGTGAAGCATTAGCTGAAGACAAAGAAACCACC
 TCAAAAGGCTCAAATGCCAAAGAAGAAAGCAAGAACGGTCTTTCATCCAAAGCATCCTCTAACTGCTCGCC
 TAGTGCTTACAACACACGTCTTAAATGCCACGGAGAACATCAGCATGAAGTGCAGAGAGAACCCCTCTTC
 AATGAATGACGTCCAGCCAGTGAGGAAGCCTCATTTTAAAGGTGTGAAGAAAAGAAAATGGATTTATGAT
 GAACCGAAGAACCTTCTGGCTCTGGAATGCCGAGAGCAGTGCACATCCCAAATCCCAAACATAAAATGA
 GTTACCATCATACAATAAAAACCGGAATGCCGAGAAGCCTCCTATACGCATGCTCAAAGAGATGCGGT
 AAGAAGTGTACACTGAACGCCCTCCCGAAGCAGGCCACGAGCGGGTCTACAACAAAGCTGATGTC
 AACAAAGACCCCAAACTCAACCTCTGTCCAGACAAACATATGTCAACATCATATAATGGTTGAGCCTGGC
 GAAGAAGAATTCCTTTTCAAAAACGTATTCAAAAACGAAAAGATATATCCAGAGCCAAGAAGAAATGG
 GAGTAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001024352
- Insert Size:** 1410 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).
- 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_001024352.1](#), [NP_001019523.2](#)
RefSeq Size: 1981 bp
RefSeq ORF: 1410 bp
Locus ID: 500827
UniProt ID: [Q6AYU0](#)
Cytogenetics: 7q13