

Product datasheet for **RN205701**

LOC498308 (NM_001047927) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: LOC498308 (NM_001047927) Rat Untagged Clone
Tag: Tag Free
Symbol: LOC498308
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN205701 representing NM_001047927

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTCTACAGGGCAAGGACAAAGTTCTTCTCTTCAGCTTCCACCTCTCCTTTGGCCTCATCTACAA
 GGAGACATCAGGTAAAAAGTATTCCATCAAGATTTACCTGTGGATGAGTCAAGTTGTTCCAGGAGAG
 AGAGAAGCCCTGGTCAACAGACAACTCCAATCTACTTCCTGGTCAGCACACTTCCGGACTGACTCTT
 CCAGTTTTGCTTATCTCCTCGCAAGATAAGGATGAGCTCACTGAACGGATCCCATCTCTGGATCAGCAA
 CAGTCCGTGTGGTCAAATTCAGCCCCAGCTCTGGGCTCCTGCTCTTTGGGGCCTCATCGATTTCCCTT
 TCCTGAGGCTTTGGGGACTGAGCTGTTGCCAAGAAGGTCGAGCTCACCCCAAAGAACTACTGCTGAAC
 AGGTACCGTGTACAGTTACACCAAGTGCACAAAATTCTCATCATTGAAGTGAACTTTTCGTGTCTACT
 GTAAGAGTGTTGGGATTATAGACTCTCGCACCTACATCTGGCTTTACGTGGGTCCAGGTCCCAACTCA
 CATGAAAGTAAGCCATTACAGCGAGCCTCCACGACACAGAAAGGAGATCTCTGGGCCATCGTGCTGGGG
 TTGCTCCGGGCCCGTGTGGTTGTATGA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001047927
Insert Size: 663 bp


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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:	<u>NM_001047927.1, NP_001041392.1</u>
RefSeq Size:	669 bp
RefSeq ORF:	663 bp
Locus ID:	498308
Cytogenetics:	13q27
Gene Summary:	DISCONTINUED: This record has been withdrawn by NCBI. This record was defined by AY325255.1, which is not sufficient evidence to define a distinct gene because it represents a cloning artifact.