

Product datasheet for **RN207283**

LOC303448 (NM_001037190) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LOC303448 (NM_001037190) Rat Untagged Clone
Tag:	Tag Free
Symbol:	LOC303448
Synonyms:	MGC114475
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207283 representing NM_001037190 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGTGAAGGTCAGTGTGAATGGATTTGGCCGTATTGGGCGCCTGGTTATCAGGGCTGCCTTCTCCTCTG
 CATCTGGCAAAGTGGAGACTGTTGCCATCAATGACCCTTTCATTGACCTCAACTACATGGTCTACATGTT
 CCAGTATGACTCTACCCACGGCAAGTTCAACGGCACAGTCAAGGCTGAGAATGGGAAGCTTGTCAACAAC
 GGAAGCCCATCACACCTTCCAGGAGCAAGATCCTGCTAACATCAAATGGGGTGACGCTGGTGCTGAGT
 ATGTCGTGGAGTCTACTGGCATTTCAACACCATGGAGAAGGCTGGGGCTCACTTGAAGGGTAGAGCCAA
 AGGGGTATCATCTCCGCCCCCTCAGCTGATGCCCCCATGTTTGAATGGGTGTGAACCACAAGAAATAT
 GACAACTCCCTCAAGATTGTGAGCAATGCATTCTGTACCACCAACTGCTTAGCCCCCTGACCGAGGTCA
 TCCATGACAACTTTGACATCGAGGAAGGGCTCATGACCACAGTCCATGCCATCACTGCCACTCAGAAGAC
 TGTGGATAGCCCCCTTGGAAGCTGTGGTGTGAAGGCCATGGGGCAGGTGAGAACATCATCCCTGCATCC
 ACTGGTGCTGCCAAGGCTGTGGACAAGGTATCCAGAGCTGAACGGGAAGTTCACTGGTATGGCCTTCC
 GTGTTCTACCCCAATGTATCCGTTGTGGCTCTGACATGCTGCCTGGAGAACTGCCAAGTATGATGA
 CATCAAGAAGGTGGTGAAGCAGGCATCTGAAGGCCCACTAAAGGGCATCCTGGGTACACTGAGGACCAG
 GTTGTCTCCTGTAACCTCAACAGCAACTCCAATCTTCCACCTTTGATGTTGGGGCTGGCATTGCTCTCA
 GTGACAACTTTGTAAAGCTCATTTCCTGGTATGACAATGAATATGGCTACAGCAACAGGGTGGTTGACCT
 CATGGCCTACATGGCCTTGAAGGAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001037190
Insert Size:	1008 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:	<u>NM_001037190.1, NP_001032267.1</u>
RefSeq Size:	3174 bp
RefSeq ORF:	1008 bp
Locus ID:	303448
Cytogenetics:	10q26