

Product datasheet for **RN205922**

LOC498236 (NM_001047926) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LOC498236 (NM_001047926) Rat Untagged Clone
Tag:	Tag Free
Symbol:	LOC498236
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205922 representing NM_001047926
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAATCCACAGTCGGAGGAGAGAATTCTGAACAAAGTAGCATTTCGGCCATCGTTGTATGATGTCCTCT
 TAAAGCCAAGCTTATCAGGATTGTGCCAATCAGAAAAAGAACCTACCAGTTAATTCTGGATTTTATGGA
 ACCAGGACAGCTGTCCCAGTTAGAAAAGTTCAGTTTCCTGAATGCTGTGACAACACTGAGCAGTGTCTGTG
 CGTAACCAAGGCCAACGGCAACATGAACAACACTACTCCTAAAACCTCTGCTGGCCAAGAAAATCGAGACAT
 TCATCCTGGAAGAACCCTGAGATCTTGGACAGTAGCGTGCAGCAGCAAGCCATGCTCTGCATCGTGGG
 CCTGAGGTTCTCCCCATGGACCCTCTCCTAGCCTCTGGGGCTCTGACCCTGAGAACGTGTGGACAATC
 CAGGCCTTGGATGACATGCTCAAGCTCTCGTGATAGAAGACATGAGGCCAACATGGCCATACTGCAAA
 GTTTTCTGGAGATCATCTTACCTGGCTAGTGTCTGACAGAAAGTCAAGAGCAGATCCGAGCCTTGGG
 CACCATTCTCGGCTGCTGAGGTTCTGTAAATTTCTCAACCTGTACACATGGCATCGTTCTCCATC
 ACTGGGAACTGATGAGCACCTTCAGTATCTTCTGCCTGAATCCAGCCAAGACATCTGTCCAGCGCCA
 TGGAGGCACTGCACTACCTGTTTCATCATCTCGTCTTCAAGAAAATCCCAACGCAAGCCACGTACAA
 AGCTGATGCTTTGGGGCAGTCTTCAAGTGGGATGCTGGAACCGATGGAACATGATGCACTTCTTTCAGTTC
 TTCAGGAAATACCTGACCGCCGTAGAGAGAGCCGATGTGATTTTGGTGGCCATGGAGTCCATGATCAAA
 GGAGCATGAATGATGTCTTTCAGCCTCCAAGATGTTGAAGGTGATCCTGAGGTGCTCTGTTATAGACGT
 CACCAAGGTGCCAGAAATCATCCAGTTAATTTACTACCACGTAGAAAGAATCACTGACAAAAATGTCAG
 AACACTATAAAGAAGATCTTCAATTGCTGGTCCATTCCACACCGATGAGGTTATCCTGACGCTGTTAA
 AATGGAGGACCACTCAGAAAGAGGGACACACAAATCCTGGGAGATCCTGGCTTCTTCCGAAAGGCTA
 TGAAGTGATCATGGAGTATCTGCTGCAGAGGATAATTTACCTCAGGCACCTGAGGACCAGAAGGCTGAC
 CAGAAAAACAGAGCTCTCAACACTGACTGCCACCAAGGGCCATCCACGAGATGCTGTGGTACCGAGTCA
 AGTCAGAGGTGCAGACCTTCTTCGCTCCTGTTTGTGGCACTGCTTTTCCAAATCTCTTCCCTGGTGAC
 TAAAGGGAGCACCATGGCCAGGATGAGCAGCATGAACTGAATCCGTGAACCCCGTGAAGTTTCTCTA
 GAGGCATTGAAGACCTTAATGCGCAGCTCGGGTACATAGAGCACTTGTCTTATATCCAGACACTGGGG
 TCTGGGACCTGCTTGTGACCCCTGAAAAACATTATGACGGAGTCACTCTGCTGGCCAGATCCCTGGTCTG
 CAAGAAATGCTGGCACAACCGCCCTGTTTTCAGCTTCTTATTAAGACTCTCAAAGCCGAGGCTGCACC
 AATTACTTCACAGCCCTGGTGTCTTCTGACTGAGCTGCTCTGCTGTCCAGATGTGGCAGGGGTGTGGATG
 AAGTTGCCACCAGGATTCTGGCAGACTGGTTCAACTGTGACGAGTTAGCCACGGCGCTCCAATTCCTGCA
 GATCACAGAAGTCTATACAAAGCACAAAAATACGGTGAATGGACCAGGGGCAAGGGCATATCACAGA
 GAAGGGATAGGTGCACCCGGAGAGCTGATAAGGCACCTCCACATCCTGCAGCCCTACGTGCTGAGATGCT
 GTTACTCGTTACAGAGTACCTGGTGTGAGAGACCTCCGTATGTTGCAGCGCATCTCAAGGACCTCAC
 CTGGCATCACTCCTCCTCTCGTCTTAAGCTGATCTTCACTCTGGAACACTTCTTTGAGGAGGAGTCA
 GAGCAGCTGCGTCTGGTAGTCTTCGAGATCTACGCAAGTATCCTGGCTAAGGTCTCGAGGATGACCTTG
 TCTTTCCCTTGAGGCACCATCTCAACTGCTAGTCTCCTTGTGTTACCTGAAGGATGTAATGC
 CGCCGTGGTGGAGGTGAGAAGCCGACCGTGGAGCCTGGCATTCACTTCACTGGAAGTTAATGCAGAA
 CATGCCTCATTCCCATGGTTCACGTACTGAGCCCTTATCTCCCAGGTCTGTAGGCTCATCTCTGCA
 ACATAGCTACCATCCTGCACTGGTCCAACTCAAAAAGGTCTTCGCCAAGAGTGACGTATTCACCATCCT
 TGGTGCCTGTAAAGACAGGAAAAGAGCAAGACGCTCTGGTTTCTGAAGCAGTGTGTGGCTCTCTTCAAG
 AGTCCGACAGGGGCCATCCGCCAGGTGGCTGTGTGGTTTGCAGGACAGATCATCTGGAACCTTGACAAG
 CTGAGGAACAGGAAATTGAAGAGGAATATGCAGCCTTCAGGTATATGCAGAAAGACCTGACCCCATAGT
 CAGCTGCCTCACCCTGCAGACTTCTACATCCTAGAAGCCAAGGAGAAGGTGATACCAAGTTGAGACCCG
 TCCTCTGCTCTGCATGAGGAGGAGACCAATGGAGATACTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACC�: NM_001047926

Insert Size:	2778 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_001047926.1, NP_001041391.1</u>
RefSeq Size:	2778 bp
RefSeq ORF:	2778 bp
Locus ID:	498236
Cytogenetics:	13q13