

Product datasheet for **RN215186**

LOC690784 (NM_001044299) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: LOC690784 (NM_001044299) Rat Untagged Clone
Tag: Tag Free
Symbol: LOC690784
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN215186 representing NM_001044299

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGACAACCTCAGCCTCCAGCAGTGACTACAGTAACACAGAGGACTGTATTTCTGAATGCAAATCCAACC
AGAGCGCCTCGGTGGGCTACTACCCCTCTGAGAACACCTTCTCCTATGAGGACGTGGTCTCCCGGAGGA
GGCAGCCTCTGTGGAATCCTCAGCCATTTTCTCCCTCCTGTCCAAGGTTCTGGGGACAGAGAGTTTA
AGGAGACTCTTCAGGAAACGAGATCAGATGAAGCACGACCCAGAGCAGTTCTGTAAGCTAAGCATCACTC
TCGCTGGGATATCGATGTGGGCTCTGACCGTGCAGACTCGCTAGCTAATCTGGATCTAAACAGCCACAG
CCAGTGGATGAATAAGTGGCCAGAAGACAGGACAAAAGTGAATCCCTACAAGCTGGATAACCTAGTACGG
AAACTCGAGACATTTCTAGGAAAAGAAAAGGTGGCCAGCATGACAGCCATGTGCTCCCTGAATCTACTC
AGAAGGAAGATGTCTTCTCAACAGCAGTCCCCCTCCACATACTGCTCAGGTCAGTCATCACGAGCATGA
TGCTTGCAAGACTTGCCCAAGCACAAAGCCCTGGAGAATGAAGATATCTGTCAGGCCCCAGAGAATCCT
CCAAGGTTGCTGAAAGATGAAGTTGTGGAGATAAGCCAGGCAGATGGGAGCTCCTTGAAACCTCCTCCA
TGTCATCCCCTCGGCCGGAGGACGCTTCCCACTTACACAGAACATCTGTATGAATTCAGTGGGTCTT
CCACTGGCTGAGGACACAAGTCTCCTCCCGATGGAGGAGAGACCCCTAGCCAGGCTCCTGTCACTGG
CACCAGAAAGCAATGAGGAGGATGCATTCTTTAGAGGCAACAGAATCCAACCCAAGAA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACC�: NM_001044299
Insert Size: 903 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_001044299.1, NP_001037764.1</u>
RefSeq Size:	1782 bp
RefSeq ORF:	903 bp
Locus ID:	690784
UniProt ID:	<u>Q66H53</u>
Cytogenetics:	4q44