

Product datasheet for **RN204875**

LOC681325 (NM_001109439) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: LOC681325 (NM_001109439) Rat Untagged Clone
Tag: Tag Free
Symbol: LOC681325
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN204875 representing NM_001109439
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCTTGGAGAAGCCTTCCTAACTGAATTCCTCTACAAAGAACAGAAACATGCAAACTTTACAAACCAC
TACGATGCAAGAAGACGCCAAATGACAAAAAGGAAAATGGGAAAATAAGCTTTTAGATACACAGGACAA
TTCACCTCCCTTTTAAAGACTGGAAGTCAAGAGAAAGTTATAGAAGGAAGTCTAACTGAACAAGACAAT
GATACATCACAAATGAAATGTGTGGATGATCTAACTGTTGCAAAATGCAAAAGTACAGCTCTTCCAGGAA
ATGTATCTGTTGCACTGCCATTCCAAAGAGGGGACATGATGAAACACAACCTGGATTTATATCGATCCTG
GTCATGTACAAGTATTTGCCAGAATTACCCTGACCTACAGATAGGAGGTGACCATATTAGAAACATGTAC
GATTCCGGCTGCTTTGTGGAACACATACATGATGATGTTTGCAATGGTCCTCTTTTACTTTCCGTGGACA
TACCATTGGGACACTCTGCTAAAATTGAACCTCTAGAGAAAACATCTAACTCAAAGTAGTCAATGGTGA
TGAAATTCGAGAAAAAGCATGCTATTACATAAGCAACCTCTCTAATTCTATGCTTAATAATTATATG
GAAAGAAAGGTGGATGAACCTATAAACAGTTTCTGGAAGAAAATCTTACCAGGTGCCTCTCTATAACCA
ACCTCATGGCTTCTAGCATATTAATGAACAATGTGAATCAAATTAGCCTTCAGATTTCTCAAGAGCAGAA
CATAGAGCCATCCAAAGCCCGAGAAGCCCTTCTCACTCTTAGCACTATATAATCTTTGCAATGTTTCC
CACGGAACAGTACGGAATTAAGCACCCCTAATTACAAATATCAAACCAGGCTATTCGGAATTTGTAT
GA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001109439
Insert Size: 912 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_001109439.1</u> , <u>NP_001102909.1</u>
RefSeq Size:	2717 bp
RefSeq ORF:	912 bp
Locus ID:	681325
Cytogenetics:	Xq22