

Product datasheet for **MC220061**

Chat (NM_009891) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chat (NM_009891) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Chat
Synonyms:	B230380D24Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC220061 representing NM_009891
Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCTATCCTGGAAAAGTCCCCCAAAGATGCCTGTACAAGCTTCTAGCTGTGAGGAGGTGCTGGACT
TACCTAAGTTGCCAGTGCCCCACTGCAGCAAACCCTGGCCACCTACCTTCAGTGCATGCAACACCTGGT
ACCTGAAGAGCAGTTCAGGAAGAGCCAGGCCATTGTGAAGCGTTTTGGGGCCCTGGTGGCCTGGGTGAG
ACCCTGCAGGAAAAGCTCTTGGAGAGACAGGAGAAGACAGCCAATTGGGTCTCTGAATACTGGTGAATG
ACATGTATCTAAACAACCGCCTGGCCCTGCCAGTCAACTCTAGCCCTGCTGTGATCTTTGCTCGGCAGCA
CTTCCAAGACACCAATGACCAGCTAAGGTTTGCAGCCAGCCTCATCTCTGGTGTGCTTAGCTACAAGGCT
CTGCTGGACAGCAATCCATTCCCAGTACTGGCCAAGGGCAGCTCTCAGGGCAGCCTCTCTGTATGA
AGCAGTACTACAGACTCTTCTCATCATACCGGCTTCTGGCCATACCCAGGACACACTGGTGGCCAGAA
GAGCAGTATCATGCCTGAGCCCGAGCATGTCTGTCGCTGCTGCAACCAGTTCTTTGCTTGGATGTT
GTCAATTAATTCGCGCTCTCAGTGAGGGTGATCTGTTCACTCAGTTGAGAAAGATAGTCAAATGGCGT
CCAACGAGGATGAACGCCTGCCTCCAATCGGCCTGCTGACGTGACGCGGAGGAGCGAGTGGCCAAAGC
CAGGACGGTCTCTTAAAGACTCCACCAACCGGGACTCCCTGGACATGATCGAGCGCTGCATCTGCCTG
GTATGCCTGGATGGTCCAGGCACTGGAGACCTCAGTGACACACAGGGCCCTCCAGTCCCTCATGGTG
GAGGCTGCAGCTTGAATGGAGCGAATCGTTGGTATGACAAGTCCCTGCAGTTTGTGGTGGGCCGAGATGG
CACCTGCGGTGTGGTGTGTGAGCACTCCCTTTTATGATGGCATCGTCTGGTGCAGTGCACGGAGCACCTG
CTGAAACATATGATGACAGGCAACAAGAAGCTCGTCCGAGCTGACTCAGTGAGTGAACCTCTGCTCCCA
GAAGCTGAGGTGGAAATGTTCCCAAGAACTCAAGCCATCTCGCCTCCTCGGCAGAGAACTTCAAAG
AATCGTAAAGAATCTGGATTCATTGTTTATAAGTTTGACAACATGCGGAAAACATTTATTAAGAAGCAG
AAATGCAGTCTGATGGCTTCATCCAGGTGGCCCTCCAGCTGGCTTACTACAGGCTTTACCAGAGGCTGG
TGCCACCTATGAGAGTGCATCCATCCGCGCTTCCAGGAAGGTCGGGTGGACAACATCAGATCGGCCAC
TCCTGAGGCTCTGGCTTTTGTGCAAGCCATGACTGACCACAAGGCTGCCGTGCTGGCTTCTGAGAACTG
CAGCTGCTGCAGAGGGCCATCCAGGCCAAACTGAGTACACAGTCATGGCCATAACCGGCATGGCCATTG
ACAACCATCTTCTGGCACTGAGGGAGCTGGCCGAGACCTGTGCAAGAGCCACCTGAGATGTTTATGGA
TGAACATACCTGATGAGCAACCGGTTTATTCTCTCCACCAGCCAGGTGCCACGACCATGGAGATGTTT
TGCTGTTATGGCCCTGTGGTACCAATGGGTATGGAGCCTGTTATAACCCCGAGCCTGAGGCCATCACCT
TCTGCATCTCCAGCTTTCACGGCTGCAAAGAGACCTCATCTGTGGAGTTTGCAGAAGCGGTGGGAGCGAG
CCTTGTGACATGAGAGACCTCTGTAGTTTCAGGCGAGCCTGCTGAAGGCAAGCCACCAACAGCAAAGGAA
AGAGCTAGAGGCCCAACCAAGCAAGCAATCTTGACTACTCCACTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_009891

Insert Size: 1938 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: [BC119322](#), [AAI19323](#)

RefSeq Size: 2208 bp

RefSeq ORF: 1938 bp

Locus ID: 12647

Cytogenetics: 14 19.4 cM