

## Product datasheet for **MC220599**

### **Atxn7l2 (NM\_175183) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Atxn7l2 (NM_175183) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Atxn7l2
Synonyms:	2610528J18Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC220599 representing NM\_175183  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACCCTCATTAAAGAAGACATGTCCATCTTCGGGCACTGCCCTGCCATGATGACTTCTATTTGGTTG  
 TATGTAACCACTGCAGCCAGGTGGTGAAGCCCCAAGCCTTCCAGAAGCATTGCGAAAAGAAGACATGGGCC  
 CCTCAGCAAGCTTTATGCCCGGGCCCCACCCCCACCTCCAGCCCCGCCAGCTCTCAAAAATGCCATGTA  
 GTGAATGGGCAGGGCCAGCTTGTAGAGCCCCAGGTTCCACAAAACCTCCTCCAGGGAGAAGGGCCAGG  
 GGTCCCGGAGCCGTGGCCATCAGCCTCCTGAGAAGACCCAGAAGGACAGCCTCTGCCTTTTCGTGCCTGT  
 GGTGAATCTGGAGAAGATATCCAGTCTCCGAAACCTGATGCACATGGAGTCAGGGTGGCCCCACCTCT  
 GCTCTCCTCAGTCAGCCAGGAGGCTCCCAAGGACTCCCCTGAAAAGTCCCCACGGCCCCCTCTCCTA  
 AAGAACCTCCTGCAGAGAGAACATCGAGCTTGTCCCGGTGAGGGCTCCAGTCACCGCGCCGAAGGCAG  
 CCCCCCGAGAAGGAGGCCAGTGGAGCCAGGCTTCTCCTAAAACCCACCGAAAAGATGGCTCGGAAGGAG  
 TTGCACCTCAACAGGCAGTGCAGGGTCAAAATCCAGAGACCAAGAAGATCTGTACACGCCTATTGACTT  
 GCAAGATCCACTCAGTGCACCAGCGCAGGGAGGTCCCAGGCAGGGCCAAGGACTTTGATGTGCTAGTGGC  
 CGAACTGAAGGCCAGCTCCCGAAAAGGAGAGTCTCCCAAGGAGAAGAGCCAGCACACAAAGAGCCAGCT  
 CTGGAGCGCCATCCCAGGAGCCTCCACTGCAGTCCAGGGTGTGGCAGCGGTAGCTGCCCCCAACACCA  
 CCTTCTCTTCTGTCTAAGCAGACCTATCCGTAAGTGTGCACTCCCAGGTCCCATGCCTCCTCTGAGAG  
 TGAGGTGGATGACGAAGTCCCTGTGGTGGTGTGGGGATCCAGGCCTATTCCCCTTCCCTCTGCCCGG  
 GGTGGGGCCAGGCCTCCAGTGAAGAGTGAAGAGGAGGGGATATCTGATGACCTCCACCTTTCCCTGT  
 AGTCCATTACGCAACTCGGCCCCAGGCCACAGGCGTTTTGACATTTGGAAGCCGGCTGGTGAAGCC  
 AGGATGCTATGTGTTTAGCCGCGGCTGGACCGTTTTGCTCAGCACTCAGCTCCATGCTGGAACGGCAT  
 CTCAGCTCACACATGTGGAAGAAAATCCACCAGCAGCCGAGCCTCCATCCCATCTTGTGCTAGTCCATCTT  
 TATCTGATCCCTTGAAGTCCATCCCCTATGGGCAGCTGTCCCCGACTTCCAGGTCCAGCCCCCGACCTGC  
 CTGTCCAGCCTCCATACCCCCGTCAAGGACAGCCTTGTCCCTAGCTATCCTGCAGGCTCCCCAGTGTA  
 GCAGCTGCCTGCAGCCAGGACAGTGCATGGGCGGTAGCCAGGCTATTACCTCACCGTGCCTGCCAACA  
 CTCCATCTCCGCTTCCAGCAAGCTGCCACCTTCCAAGGCCAGCAAGTCACTCAAAGGCAAGGAGGGGT  
 GGAGTGGAGGCCCTTCTCGAAAGCGGAAGTTATCCCCTGGCCCCACCCTTCAAACGGACCTGCATC  
 CTGGAGCCTGCTGAAAGGGCAAACCTCTAGCTGTGGGGTCTCTCAACCAAGACTAAAACAGCCCTGA  
 ACTTGGGGCTTAATGGAACAGTGGGGCCAGAGTGAACGGGCGGTCCTGGACTGTCGGGGTCCCC  
 TCATCCATCCCCATACCCGTCAAGGCTTCTCAGCTAGAAAACCGAGGAGTGGCCGGACCCAGCTAAG  
 GTCCTGCCAACCACTGCCTCTCCGAGGAGGAGGTAGCCAAGAAGCGGAAAAACCTGGCCACTTACTGCC  
 GGCCAGTCAAGGCCAAGCACTGTGAGGCTGGTGTCCCTCCTGATGGGACCTGCTCTGTGCTCGAAGAA  
 GCCAGGTCCAGCCCTGCCCTTTGAGGAGAAGTGTCTACACTGAAGTCAAAGCTCATTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_175183
- Insert Size:** 2091 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:** [NM\\_175183.5](#), [NP\\_780392.1](#)

**RefSeq Size:** 2638 bp

**RefSeq ORF:** 2091 bp

**Locus ID:** 72522

**Cytogenetics:** 3 F2.3