

Product datasheet for **MC223358**

Atxn2l (NM_183020) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Atxn2l (NM_183020) Mouse Untagged Clone
Tag: Tag Free
Symbol: Atxn2l
Synonyms: A2D; A2LG; A2lp; A2RP; Atxn12
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223358 representing NM_183020
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTTGAAGCCTCAGCCGCCACAACAGACCTCCCAACCCAGCAGCCGCCCCACGCAACAGGCCGTGG
CTCGCCGGTCTCCCGGGGGACCAGCCCTCCCAACGGCGGCTCCCGGGACCGCTGACCGCCACCGCGGC
TCCCCCGGGGCTCCCGCAGCGTCTCCTGCTGCTGGGGCTGCAGCCGCTGCCGGCAGCGGACTTCGC
CGCGGAGCCGAAAGCATCTTAGCGGCGTACGCGCCGCGCAGCATCAAGAAAGGCCAGGGCAGTGGCTA
TCGGCAGCGTCAGGGGACAGACCACCGAAAGGGACCCCAAGTCAACCGTGTGAAAGGTGTCTATAA
CAATTCAGGATGCTGCATTTCTGACAGCTGTAGTGGTTTACTTGTGACGTAAGGTGAAAAATGGC
ACCACTACGAGGGCATTTCAGACTCTGAGCTCAAAGTTTGAAGTGGCAGTTGACGCGGTGCATCGGA
AAGCATCTGAGCCAGCAGGTGGGCTCGCCGGGAAGACATTGTGGACACCATGGTGTAAACCAAGCGA
CGTTCTGCTTGTCCACTCCGAAATGTTGACTTCAATTATGCTACTAAAGATAAGTTCAGTACTCAGCC
ATTGCCATGAAGTCTAAGGTGAATGGAGAACAAGAGAAGGTGCTTCAACGTTGGGAGGGCGGTGACA
GCAACAGTGACGACTACGATCTGGAATCCGATATGTCTAATGGATGGGATCCCAATGAGATGTTCAAAT
TAATGAGGAGAACTATGGAGTGAAGACCCTATGACAGCAGTCTATCTTCTTACACGGTTCCTTAGAA
AAGGACAAGTCTGAAGAGTTTCGGCAGCGGGAGCTTCGAGCGGCCAGTTGGCTCGAGAGATTGAGTCTA
GTCCCCAGTACCGCTACGGATTGCTATGGAAAATGACGATGGGAGAACAAGGAGGAGAAGCACAGTGC
TGTTTCAGCGGCAGGGTCTGGCGGGAGAGCCCAAGTGGTATCCAGGGAGGGGAAGTATATCCCCCTG
CCTCAGCGAGTTCGAGAAGGTCCCCGGGGAGGAGTTCGATGCAGCAGTTCGAGGAGGGCGCCCTGGCC
TTAGCTCTTGGCACCTCGTGGCCCTCACCATCTTGACAACAGCAGTCTGGCCCTGGTCTGAGGCAGG
TGGTATCAATGGAGTCTTCCCGCATGTCCCAAGGCACAGCGGCTCTGAGAGGTGCCAAGACCTTA
TCTTACCAGCAATAGGCTTCTGGAGAAGCTTCTGTTCTCCAACATCTGCAGCTCTCCCTTTCTTC
CAGTGGGCGGATGTACCCTCCACGGTCTCCCAAGTCTGCTGCCCTGCCCAAGTCTCAGCTTCCTGTCC
TGAGCCTCCCATTTGGTTCGGCAGTGGCGTCTCTGCTCCATCCCTGTGACATCATCAGTTGTGGATCCT
GGTGCAGGCTCTATTTCCCCGGCATCTCCAAAAGTCTCCCTGACCCTACAGATGTAAGAAGTCCCAA



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CCAAGGAGCCAGTAGGAATTTGGAAGCCCAAGAAGTGGCCCGCATAGCTGGGAAAGTCCCTGGCCTTCA
 GAATGAACAAAAACGATTTTCAGTTGGAAGAAGTGAAGAAATTTGGGGCCAGTTTAAAGCTTCAACCTAGT
 AGCTCCCTGAGACGGGCTGGATCCATTTCTTCCCGGATCTTGAAAGAAGAGGCCAAAGGAAAGGAGA
 AAGAGGTGGATGGTCTATTGACTTCAGATCCTATGGGATCCCCAGTCTCCTCTAAGACAGAATCCATATT
 GGATAAGGAAGACAAAGTGGCCATGGCAGGAGTAGGAGGGACTGAGGGGCCAGAGCAGCTCCAGCACCT
 TGTCCCAGCCAAACCGGCAGTCTCCAGTGGCCCTCATCAAGGGGGATGAGAAAGAGGAGGGCCCTGTTA
 CTGAACAAGTGAAGAAGTCTACTTTGAACCCCAACGCCAAGGAGTTCAATCCAACAAAACCTCTGCTGTC
 TGTGAACAAATCTACCAGTACTCCAACCTCACCAGGGCCCGTACTCATTCAACACCTTCTATACCGGTG
 CTGACAGCAGGCCAGAGTGGGCTCTACAGTCCCCAGTACATCTCATATATACCTCAGATCCACATGGGAC
 CAGCTGTACAGGCGCCTCAGATGTATCCATATCCTGTATCCAATTCGGTGCCTGGGCAGCAGGGCAAGTA
 CCGGGGTGCAAAAGGCTCACTTCTCCTCAGCGCTCTGACCAACACCAACCAGCCTCAGCCCCTCCAATG
 ATGCAGGTGCTGCTGCTGCTGGCCACCCCTGGTGGCTGCCACACCTATTCTCTACATCCCCT
 ACAACCCACAGCAGTTCCAGGCCAGCCTGCCATGATGCAGCCCATGGCACACTACCTTCACAGCCGGT
 GTTCGCCCTATGCTTCAAAGTAATCCACGAATGTTGACATCGGGAAGCCATCCCAGGCCATCGTGTG
 TCCTCCACTCCTCAGTACCCTGCTGCAGAGCAGCTACCCCCAAGCCCTCTATGCCACTGTTACCAAT
 CCTATCCACACCATGCCACGCAGCTCCATGGCCACCAGCCGAGCCGGCCACCACACTACTGGGAGCCA
 GCCACAATCCCAGCATGCGGCCCCAGTCCCGTTCAGCACCAGGCGGGGAGGCCCTCACCTGGGCAGT
 GGACAGCCACAGCAGAATCTGTACCATCCAGGGGCCCTAACAGGCACGCCACCTTCTTACCACCGGGAC
 TTCTGCCAGTCCCCTCAAAGCAGTTCACCCAGCCAGCTGCTGTGTATGCCATCCATCCCACCAGCA
 GCTGCCCCACGGCTTACCAACATGGCCATGTTACCCAGGCCATGTCCAAACTGGAGTACAGCAGCC
 CCGCCCCACACCCTGGGGCTCCCCACCCGCCCCAGGTGATGCTGCTGCACCCCCCAGGGCCATGGGG
 GGCCCCCAAGGCGCGTGGCCCGAGTGGGGTGCCTGCACTCTCAGCTTCCACACCCTCACCTACCC
 CTACATCGGACACCCCAAGTTCAATCTCATCCCTCCAGCAGCTCCCTTCCACCCCCGGGGAAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_183020
- Insert Size:** 3150 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_183020.1, NP_898841.1
- RefSeq Size:** 3764 bp
- RefSeq ORF:** 3150 bp

Locus ID: 233871

UniProt ID: [Q7TQH0](#)

Cytogenetics: 7 F3

Gene Summary: Involved in the regulation of stress granule and P-body formation.[UniProtKB/Swiss-Prot Function]