

Product datasheet for **MC228865**

Atxn7l2 (NM_001289545) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Atxn7l2 (NM_001289545) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Atxn7l2
Synonyms:	2610528J18Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228865 representing NM_001289545
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGTGCGTGAACGCGCGGTGGCAGCAATGGCCGCTCTGGAGCGCGAGTGCCGAGTCTCGATGACT
 TCGCGGGACAGAGCTGGAGCTCGTGGGTGGAGCGGGCCGACCTGCCTGCGGCAGACGGGGCTGAACTAGA
 GGAGAACAGCAAAAAACGAAGAACTTACGCCATGACCCTCATTAAAGAGACATGTCCATCTTCGGG
 CACTGCCCTGCCATGATGACTTCTATTTGGTTGTATGTAACCACTGCAGCCAGGTGGTGAAGCCCCAAG
 CCTTCCAGAAGCATTGCGAAAGAAGACATGGGCCCTCAGCAAGCTTTATGCCCGGGCCCCACCCCCACC
 TCCAGCCCCTGCCAGTCTCAAAAATGCCATGTAGTGAATGGGCAGGGCCAGCTTGTAGAGCCCCAGGT
 TCCACAAAACCTCCTCCAGGGAGAAGGGCCAGGGGTCCCGGAGCCGTGGCCATCAGCCTCTGAGAAGA
 CCCAGAAGGACAGCCTCTGCCTTTTCGTGCCTGTGGTGAATCTGGAGAAGATATCCAGTCTCCCGAAACC
 TGATGCACATGGAGTCAAGGTGGCCCCACCTCTGCTCTCCTCAGTCAGCCAGGAGCCCTCCCAAGGAC
 TCCCTTGAAAAGTCCCCACGGCCCCCTCTCTAAAGAACCTCCTGGCAGAGAGAACATCGAGCTTGTC
 CCGGTGAGGGCTCCAGTACCAGCCGGAAGGCAGCCCCCGGAGAAGGAGGCCAGTGAGGCCAGGCTTCC
 TCTAAAACCCACCGAAAGATGGCTCGGAAGGAGTTTCAGCTCAACAGGCAGTGCAGGGTGCATAAATCCA
 GAGACCAAGAAGATCTGTACACGCCTATTGACTTGCAAGATCCACTCAGTGCACCAGCGCAGGGAGGTCC
 CAGGCAGGGCCAAGGACTTTGATGTGCTAGTGGCCGAAGTGAAGGCCAGTCCCAGAAAAGGAGAGTCTCC
 CAAGGAGAAGAGCCCAGCACACAAGAGCCAGCTCTGGAGCGCCATCCCAGGAGCCTCCCACTGCAGTC
 CAGGGTGTGGCAGCGGTAGTGCCTTCTGAGAGTGAAGTGGATGACGAAGTCCCTGTGGTGGTATGG
 GGATCCAGGCCTATTCCTTCCCTCTGCCCCGGGGTGGGGCCAGGCCTCCAGTGAGGAGAGTGAGGAG
 GAGGGGATATCTGATGACCTCCACCTTTCCCTGACTGCCATTACGCAACTCGGGCCCCAGGCCACAGG
 CGTTTTGCACATTTGGAAGCCGGCTGGTGGAGCCAGGATGCTATGTGTTAGCCGCGGCTGGACCGGTT
 TTGCTCAGCACTCAGTCCATGCTGGAACGGCATCTCAGCTCACACATGTGAAGAAAAATCCACCAGCA
 GCCGAGCCTCCATCCATCTTGTGAGTCCATCTTATCTGATCCCTTGAGTCCATCCCCTATGGGCAGCT
 GTCCCCGACTTCCAGGTCCAGCCCCCGACCTGCCTGTCCAGCCTCCATACCCCCGTCAAGGACAGCCT
 TGTCCCTAGTATCCTGCAGGCTCCCCAGTGTAGCAGCTGCCTGCAGCCAGGCAGAGTGCATGGGCGGT
 AGCCAGGCTATTACCTCACCGCTGCCTGCCAACACTCCATCTCCGTCTCAGCAAGCTGCCACCTTCCA
 AGGCCAGCAAGTATCCAAAGGCAAGGAGGGGGTGGAGATGGAGGCCCTTCTCGAAAGCGGAAGTTATC
 CCCTGGCCCCACCACCTTCAAACGGACCTGCATCCTGGAGCCTGTGGAAGGGCAAACCTCTAGCTGT
 CGGGGTCTCTCAACCAAGACTAAAACAGCCCTGAAGTGGGGCTTAATGGAACAGTGGGGCCACGAGTGA
 AACGGGCCGGTCCCCTGGACTGTGGGGTTCCTCATCCATCCCCATACCCGTCAAGGCTTCTCAGCT
 AGAAAACCGAGGAGTGGCCGGACCCAGCTAAGTCTGCAACCACTGCCTCTCCGAGGAGGAGGTA
 GCCAAGAAGCGGAAAAACCTGGCCACTTACTGCCGGCCAGTCAAGGCCAAGCACTGTCAGGCTGGTGTCC
 CTCCTGATGGGACCTGCTCTGTGCGTGCAGAAGAAGCCAGGTCCAGCCCTGCCCTTGAGGAGAAGTGCTC
 TACTGAAGTCAAAGCTCAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001289545
Insert Size: 2265 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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_001289545.1, NP_001276474.1</u>
RefSeq Size:	2459 bp
RefSeq ORF:	2265 bp
Locus ID:	72522
Cytogenetics:	3 F2.3