

Product datasheet for **SC324987**

ATXN3L (NM_001135995) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ATXN3L (NM_001135995) Human Untagged Clone
Tag:	Tag Free
Symbol:	ATXN3L
Synonyms:	MJDL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC324987 representing NM_001135995. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTGTAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGATCGCC
ATGGATTTTCATCTTTCATGAGAAACAGGAAGGTTTCTGTGTGCTCAGCACTGTCTGAACAATCTATTG
CAAGGAGAATATTTAGCCCTGTGGAATTAGCCTCAATTGCACATCAGCTAGATGAAGAAGAGAGGATG
AGAATGGCAGAAGGAGGAGTCACCAAGTGAAGAGTATCTTGCAATTTTACAGCAGCCTTCAGAAAACATG
GATGATACCGTTTCTTCTCCATTGAGTAATAAGCAATGCCTTGAAGTTCTGGGGTTTAGAGATCATC
CATTTCAATAATCCTGAATATCAGAAGCTCGGCATTGATCCTATAAATGAAAGATCTTTTATATGTAAT
TATAACAACACTGGTTTACTATTAGAAAATTTGGAAAACACTGGTTTAACTTGAATTCTCTCTTGGCG
GGTCCAGAATTAATATCAGATACATGCCTTGCAAATTTCTTGGCTCGATTACAACAACAAGCATATTCT
GTATTTGTTGTCAAGGGTGATCTGCCAGACTGTGAAGCTGACCAACTCCTGCAGATCATCAGTGTGCAA
GAGATGGATACACCAAACTTAATGAAAAAATAGTAAAAACAAAAGAGCATAGAGTCTATAAAACA
GTCCTTGAAAAAGTATCAGAAGAAAGTGATGAGTCTGGAACATCAGACCAAGATGAGGAGGATTTTCAG
AGGGCCCTTGAATAAGCCGCCAAGAAACCAATAGAGAAGATGAACATCTCCGCACTACTATTGAGTTA
AGCATGCAAGGTAGTTCCGGAAACACATCGCAAGATCTTCAAAGACATCATGTGAACCTCTGCTTCA
GAACAGCCGAAGAAAATAAAGAAGACTATTTTGAAAAGCATCAGCAGGAACAGAAGCAGCAGCAACA
CAGTCAGATCTGCCGGGCCACAGTTCATACCTACACGAAAGGCCAACAACAAGTTCGAGAGCAATTGAG
AGTGATCTCAGTGATGACATCAGTGAAGGCACAGTACAGGCCGCTGTGACACCATTTTAGAAATTATG
AGAAAGAATTTGAAAATCAAAGGGGAAAAATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites:	SgfI-MluI
ACCN:	NM_001135995


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Insert Size:	1068 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_001135995.1
RefSeq Size:	1759 bp
RefSeq ORF:	1068 bp
Locus ID:	92552
UniProt ID:	Q9H3M9
Cytogenetics:	Xp22.2
Protein Families:	Druggable Genome
MW:	40.7 kDa
Gene Summary:	This intronless gene may be a pseudogene (PMID:11450850). This gene is similar to the multi-exon gene which encodes ataxin 3 and contains a coding region which could encode a protein similar to ataxin 3. Mutations in the gene encoding ataxin 3 are associated with Machado-Joseph disease. [provided by RefSeq, Sep 2011]