

Product datasheet for RN202345

Atxn3 (NM_021702) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Atxn3 (NM_021702) Rat Untagged Clone
Tag: Tag Free
Symbol: Atxn3
Synonyms: MJD1; Rsca3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN202345 representing NM_021702
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGTCCATCTCCACGAGAAACAAGAAGGCTCCCTTTGCGCTCAGCATTGCTTGAATAACCTTTAC
 AAGGAGAGTATTTAGCCCCGTGGAGCTGTCTCAATTGCACACCAGCTGGATGAAGAGGAGAGGCTGCC
 GATGGCGGAAGGAGGGGTCACGAGCGAAGACTACCGCACATTTTACAGCAGCCTTCTGGAAATATGGAC
 GACAGCGGCTTTTCTCTATTCAAGTTATAAGCAATGCCTTGAAAGTTGGGGTTAGAATAATCTAT
 TCAACAGTCCAGAGTACCAGAGGCTCAGAATCGATCCTATAAATGAAAGATCCTTTATATGCAATTATAA
 AGAACACTGGTTTACAGTTAGAAAATTAGGAAAACAGTGGTTAACTTGAATTCTTTGTTGACTGGTCCA
 GAGCTAATATCAGATACATACCTCGCACTGTTCTTGGCTCAGTTACAGCAAGAAGTTATTTCTATATTTG
 TTGTTAAGGGTGATCTGCCAGATTGTGAAGCTGACCACTTTTACAGATGATCAAGGTCCAACAGATGCA
 TCGACCAAACTTATTGGAGAAGAAGCTCGCACATCTGAAAGAGCAGAGCGCCCTCAAAGCAGATCTGGAG
 CGAGTCTTAGAGGCGGCTGACGGGCCGGGAATGTTTGATGATGATGAGGACGATTTACAGAGGGCTCTGG
 CCATGAGTCGCCAGGAAATCGACATGGAGGACGAAGAAGCCGATCTCCGAGGGCCATTCAGTCTAGTAT
 GCAAGGTAGTCCAGAGGTATGTGTGAAGATAGTCCGACAGATCAAGCACAGATCTTTCTCAGAAGAG
 CTGCGGAAGAGGAGAGAAGCCTACTTTGAAAAGCAACAGCATCAGCAACAGGAAGCAGACCGACTGGAT
 ACCTTTCATACCCATGTGAAAGACCCACCACAAGTTCAGGAGGACTCCGAGCAACCAAGCAGGCAATGC
 TATGAGTGAAGAGGACGTGCTTCGGGCAACTGTGACTGTGTCTTTAGAACTGCTAAAGACAGTTTGAAA
 GCAGAAAGAAAAA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_021702
Insert Size:	1068 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:	<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_021702.1</u> , <u>NP_067734.1</u>
RefSeq Size:	3071 bp
RefSeq ORF:	1068 bp
Locus ID:	60331
UniProt ID:	<u>O35815</u>
Cytogenetics:	6q32
Gene Summary:	gene associated with spinocerebellar ataxia type 3 [RGD, Feb 2006]