

Product datasheet for **SC337254**

Axotrophin (MARCH7) (NM_001282805) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Axotrophin (MARCH7) (NM_001282805) Human Untagged Clone
Tag:	Tag Free
Symbol:	Axotrophin
Synonyms:	AXO; AXOT; MARCH-VII; MARCH7; RNF177
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001282805, the custom clone sequence may differ by one or more nucleotides

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ATGGAGTCTAAACCTTCAAGGATTC AAGAAGAAATTTCTGTTCAACCTTCCAGCTCCTTAAGTGCTAGGA
TGATGTCTGGAAGCAGAGGAAGTAGTTTAAATGATACCTATCACTCAAGAGACTTTCATTTAGATTGGA
TTCTGAATATCAGTCTACATCAGCATCAGCATCTGCGTACCATTCAATCTGCATGGTATAGTGAATCT
GAGATAACTCAGGAGCACGCTCAAGATCGCAGAACCAGCAACGGGATCATGATTCAAAAAGACCTAAAC
TTTCTGTACAACTGTACTACCTCAGCTGGGAGAAATGTTGAAATGGTTTAAACACATTATCAGATTC
ATCTTGGAGGCATAGTCAAGTTCCTAGATCTTCAATGGTACTTGGATCATTGGAACAGACTTAATG
AGAGAGAGGAGAGATTTGGAGAGAAGAACAGATTCCTCTATTAGTAATCTTATGGATTATAGTCACCGAA
GTGGTGATTTACAACCTCATCATATGTTCAAGACAGAGTTCCTTCAATTCACAAGGAGCAAGACCAAA
AGAAAACCTCAATGAGCACTTTACAGTTGAATACATCATCCACAAACCACCAATTGCCTTCTGAACATCAG
ACCATACTAAGTTCTAGGGACTCCAGAAATTTCTTAAGATCAAATTTTTCTTCAAGAGAATCAGAATCTT
CCCGAAGCAATACGCAGCCTGGATTTTCTTACAGTTCAAGTAGAGATGAAGCCCCAATCATAAGCAATTC
AGAAAAGGTTGTTTCATCTCAAAGACCATTTCAAGAATCTTCTGACAATGAAGGTAGGCGGACAACGAGG
AGATTGCTGTACGCATAGCTTCTAGCATGTCTACTTTTTTTTCCAGGAAGATCTAGTCAGGATTCCT
TGAATACAAGATCATTGAATTCTGAAAATCTTACGTTTTCTCAAAGAATCTTGACAGCTTCCAGTCCC
TAGTAATGTACCATCAGCTTCTGAAGTCCCGATAATAGGGCATCTGAAGCTTCTCAGGGATTTGATTT
CTTAGGCGAAGATGGGGTTTGTCTCTTAGCCACAATCATAGCTCTGAGTCAGATTGAGAAAATTTTA
ACCAAGAATCTGAAGGTAGAAAACAGGACCATGGTTATCTTCTCACTTAGAAAATAGATGCACACCTTT
GTTCTCTAGAAGGAGGCGAGAGGGAAGAGATGAATCTTCAAGGATACCTACCTCTGATACATCATCTAGA
TCTCATATTTTTAGAAGAGAATCAAATGAAGTGGTTACCTTGAAGCACAGAATGATCCTTTGGAGCTG
CTGCCAACAGACCACAAGCATCTGCAGCATCAAGCAGTGCCACAACAGGTGGCTCTACATCAGATTCGGC
TCAAGGTGGAAGAAATACAGGAATATCAGGATTCCTTCTGTTCTTATTCCGGTTTGCAGTCCCTCCA
GCCTTGGGAGTAATTTGACCGACAATGTATGATCACAGTAGATATTATCTTCCAGGTTGGAATTCAG
CTGATGGTAAAAGTGATAAACTAAAAGTGCCTTCAAGAGATCCAGAAAAGATTGCAGAAAATAAAAGA
GAGCTCCTTTAGAGGACTCAGAAGAAGAAGGAGGACTTATGTAGAATTTGTCAAATGGCAGCTGCA
TCATCATCTAATTTGCTGATAGAGCCATGCAAGTGCACAGGAAGTTTGCAGTATGTCACCAAGACTGTA
TGAAAAAGTGGTTACAGGCCAAAATTAACCTGGTCTTCTATTAGAAGCTGTAACCACCTGTGAACATG
TAAAGAGAAGTTGGAGCTTAACCTGGAGGATTTGATATTCATGAACTACATAGAGCTCATGCAAATGAA
CAAGCTGAGTATGAGTTTATCAGCTCTGGTCTCTACCTAGTGGTGTATTGCACTTGTGCGAACAAGCT
TTTCTGATATGATGGAAATACAATGAACCAAGCACACGTGTCGATTTATTAACCTTGAAGAAGCTCT
TCAGGCACATATGGAAGATCTCGAACTTCAGAGGATGATTCCGAAGAAGACGGAGACCATAACAGGACA
TTTGATATTGCCTAA
    
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Restriction Sites: Sgfl-Mlul

ACCN: NM_001282805

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_001282805.1](#), [NP_001269734.1](#)

RefSeq Size: 3664 bp

RefSeq ORF: 2115 bp

Locus ID: 64844

UniProt ID: [Q9H992](#)

Cytogenetics: 2q24.2

Gene Summary: MARCH7 is a member of the MARCH family of membrane-bound E3 ubiquitin ligases (EC 6.3.2.19). MARCH proteins add ubiquitin (see MIM 191339) to target lysines in substrate proteins, thereby signaling their vesicular transport between membrane compartments (Bartee et al., 2004 [PubMed 14722266]).[supplied by OMIM, Mar 2010]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a). Both variants 1 and 2 encode isoform a.