

Product datasheet for **SC206633**

Artemin (ARTN) (NM_057090) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Artemin (ARTN) (NM_057090) Human 3' UTR Clone
Symbol: Artemin
Synonyms: ART; ENOVIN; EVN; NBN
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_057090
Insert Size: 505 bp
Insert Sequence: >SC206633 3'UTR clone of NM_057090
The sequence shown below is from the reference sequence of NM_057090. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG  
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC  
TCCGCCACCGCTGCGGCTGCCTGGGCTGAGGGCTCGCTCCAGGGCTTTGCAGACTGGACCCTTACCGG  
TGGCTCTCCTGCCTGGGACCCTCCCGCAGAGTCCCACTAGCCAGCGCCTCAGCCAGGGACGAAGGCC  
TCAAAGCTGAGAGGCCCTGCCGGTGGGTGATGGATATCATCCCCGAACAGGTGAAGGGACAAGTACT  
AGCAGCCCAGAGCCCTCACCTGCGGATCCCAGCCTAAAAGACACCAGAGACCTCAGCTATGGAGCCC  
TTCGGACCACTTCTCACAGACTCTGGCACTGGCCAGGCCTCGAACCTGGGACCCCTCCTCTGATGAAC  
ACTACAGTGGCTGAGGCATCAGCCCCGCCAGGCCCTGTAGGGACAGCATTTGAAGGACACATATTGC  
AGTTGCTTGGTTGAAAGTGCCTGTGCTGGAAGTGGCCTGTACTACTCATGGGAGCTGGCCCTATTTA  
TTATTTCTAAGTTATTTATTTA  
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA  
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: SgfI-MluI
OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_057090.3</u>
Summary:	This gene encodes a secreted ligand of the glial cell line-derived neurotrophic factor (GDNF) subfamily and TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. This protein signals through the RET receptor and GFR alpha 3 coreceptor, and supports the survival of a number of peripheral neuron populations and at least one population of dopaminergic CNS neurons. This protein has also been shown to promote tumor growth, metastasis, and drug resistance in mammary carcinoma. [provided by RefSeq, Aug 2016]
Locus ID:	9048
MW:	18