

Product datasheet for **SC206634**

Artemin (ARTN) (NM_057160) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Artemin (ARTN) (NM_057160) Human 3' UTR Clone
Symbol:	Artemin
Synonyms:	artemin; ENOVIN; EVN; NBN; neublastin; neurotrophic factor; neurotrophic factor artemin; OTTHUMP0000009173; OTTHUMP0000009174
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_057160
Insert Size:	522 bp
Insert Sequence:	>SC206634 3'UTR clone of NM_057160

The sequence shown below is from the reference sequence of NM_057160. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
TCCGCCACCGCTGCGGCTGCCTGGGCTGAGGGCTCGCTCCAGGGCTTTGCAGACTGGACCTTACCGG
TGGCTCTTCTGCCTGGGACCTCCCGCAGAGTCCCACTAGCCAGCGGCTCAGCCAGGGACGAAGGCC
TCAAAGCTGAGAGGCCCTGCCGGTGGGTGATGGATATCATCCCCGAACAGGTGAAGGGACAAGTACTGACT
AGCAGCCCCAGAGCCCTCACCTGCGGATCCAGCCTAAAAGACACCAGAGACCTCAGCTATGGAGCCC
TTCGGACCCACTTCTCACAGACTCTGGCACTGGCCAGGCTCGAACCTGGGACCCCTCCTCTGATGAAC
ACTACAGTGGCTGAGGCATCAGCCCCGCCAGGCCCTGTAGGGACAGCATTTGAAGGACACATATTGC
AGTTGCTTGGTTGAAAGTGCCTGTGCTGGAAGTGGCCTGTACTACTCATGGGAGCTGGCCCTATTTA
TTATTTCTAAGTTATTTATTTAAAAAAAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	Sgfl-Mlul
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_057160.2</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:	18.8