

Product datasheet for **SC217145**

NAGA (NM_000262) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NAGA (NM_000262) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NAGA
Synonyms:	D22S674; GALB
ACCN:	NM_000262
Insert Size:	1975 bp



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Insert Sequence:

>SC217145 3'UTR clone of NM_000262

The sequence shown below is from the reference sequence of NM_000262. 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
ATCAAGAACCTGGAGATGTCCCAGCAGTAGGAGCTGGGACATGTGACAGGCTGTGGTGGCACCCTGA
GCCTAGACCATGGAGCCTTGGCATGCCAGGGCAAGTGGGGAGGTTCTCTGCTCCCCAGGCTGCTCGG
TGACTGACCCCATCATACCCAAAGTGAATCTCACGGCCAGGTTCTATGCCCTGTCCAAGCGTAAACCC
TCTTGGAACTTCTTTTGGGGCAATTTTCTGTGGCCTTCTGGCCTCTACTTCCATGTGCGCAGCCCC
ACAGACGTTGCTGAGCAACTCGCCAGCCTCCTGAGCTCCATGCCATCAGGACTTAGCCTCTGACCTT
GCTGTTGACTCTGAAATCAGGATTTGGAAGTTTTCGAATTAGGAGTAGAGAGATCTGACCTTTGCCAG
GAATGCCCATGGATCATGTGATTGGCTTTTCTACCCATAGAGGGCCTTGACGCTGATACCACCTGGGA
GTGAGGGTCACAAAGGAGACCTTGGCTCCCTCAGGTCACCAATAAACCTGTTCTTTAATCAAGTAGTTG
TAATATGGACCTGGGGTACCTTTAGTTAGGGACTCTGGTGGCACTACACGGGGTGTGGATTCAAATCT
CACCTCTATGGATGATGTCTGGCATCGTCTGGCCCTCCTTTTCCAAAGTGACCAGAAGATTGACTTC
CTAGAGATGCCAGACTTGCCCTCACACCCAGGAGCTGCCCTGCTGTGCCTGGTATGCTGGCAGTGGTGA
TGGTGACAACACAATGAGGCCAAGTAGCAATGCTCCCAGGTCTCGACGCTGTGCTCTGCCAGCAGTG
CCCCTGGCCAGCACCTCAGCCTGCTCTCTCTGTTGGCTCCACCCCAACCCCTACTTCTTTTCTT
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GTTGTGCTTAAAATTGATTTCTGTCCCTCTTCTAAGGACAGGGGTAAACAGTCAAAGTGAAGGAATG
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CACTTGTCTTCCCTGGTGGCTCTCCCTTTGGAGAGAGCTAGTGGCAGAGCAACCTAGCTAGGTCCTCC
TTGGGCTTTGAATGCAGGAGCACCCAGTCCCCAGGCCTTGCACTGTGCTGCCCAAGGAGTATTTCTG
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TGCACATTTTGTACATCATTTAAGATGATTGAAGCTTTACTGGTTAAGTATAGGGTCACCAGAGAAAG
TTCCTTTCCAGTTGATGTCTTGGGCTGTTGAGAACTTAGGACAGAAGCCTACCTCATCCCAGGCC
TGCCCTCCGTGCATAGCTCTGCCTTTGGGCTTGTTCATAGTGTGTTTCCAGGCAAAATGGAATAGTCT
CAGGTGGGAACACCTTCTTGTAGCTCCAGGAAGCCTTGTGGGAAATGAGTTGAGACCATGGACTT
GGGAGTTGGGGCCAGAGTTGAGCCTGGACTTGACCAATTAATCCCTTACCTTTAGCCCAAGATAGC
TACATGTCTTTACTTGTGTATAAGTTTCCCTTTGTCCTGGGGTGCCTGATTGATCCTATCTCTTCA
CCCTTCATTTTCAACAAACATGCCATCTATCTCCAGGACATTTATCCCTTCTATTCAAGGCCAGT
TAGGAATGCAATTATTTTTTTTTTTCAGTTAAATACAGACTTGTTTGGACGCAAGGTACCCTTTCTCTT
TTTAAAACTTTTATCATGAAAATTTCAAATACAAAAATAAAATGGTAGAGTGAACCTCCATGTACC
CAGCATCCAGCTCCAGTAACCATCAACGTGTACCATTATTCA
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
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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).

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:

[NM_000262.3](#)

Summary: NAGA encodes the lysosomal enzyme alpha-N-acetylgalactosaminidase, which cleaves alpha-N-acetylgalactosaminyl moieties from glycoconjugates. Mutations in NAGA have been identified as the cause of Schindler disease types I and II (type II also known as Kanzaki disease). [provided by RefSeq, Jul 2008]

Locus ID: 4668

MW: 73.2