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Product datasheet for SC207459

GAA (NM_001079804) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: GAA (NM_001079804) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: GAA

Synonyms: LYAG

ACCN: NM_001079804

Insert Size: 580 bp

Insert Sequence:

>SC207459 3'UTR clone of NM_001079804
The sequence shown below is from the reference sequence of NM_001079804. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGAGAGCAGTTTCTCGTCAGCTGGTGTTAGCCGGGCGGAGTGTGTTAGTCTCTCCAGAGGGAGGCTGGT
TCCCCAGGGAAGCAGAGCCTGTGTGCGGGCAGCAGCTGTGTGCGGGCCTGGGGGTTGCATGTGTCACCT
GGAGCTGGGCACTAACCATTCCAAGCCGCCGCATCGCTTGTTTCCACCTCCTGGGCCGGGGCTCTGGCC
CCCAACGTGTCTAGGAGAGCTTTCTCCCTAGATCGCACTGTGGGCCGGGGCCCTGGAGGGCTGCTCTGT
GTTAATAAGATTGTAAGGTTTGCCCTCCTCACCTGTTGCCGGCATGCGGGTAGTATTAGCCACCCCCCT
CCATCTGTTCCCAGCACCGGAGAAGGGGGTGCTCAGGTGGAGGTGTGGGGTATGCACCTGAGCTCCTGC
TTCGCGCCTGCTGCTCTGCCCCAACGCGACCGCTGCCCGGCTGCCCAGAGGGCTGGATGCCTGCCGGTC
CCCGAGCAAGCCTGGGAACTCAGGAAAATTCACAGGACTTGGGAGATTCTAAATCTTAAGTGCAATTAT
TTTTAATAAAAGGGGCATTTGGAATCAG
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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.

View online »

RefSeq: NM_001079804.3

Summary: This gene encodes lysosomal alpha-glucosidase, which is essential for the degradation of glycogen to glucose in lysosomes. The encoded preproprotein is proteolytically processed to generate multiple intermediate forms and the mature form of the enzyme. Defects in this gene are the cause of glycogen storage disease II, also known as Pompe's disease, which is an autosomal recessive disorder with a broad clinical spectrum. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]

Locus ID: 2548

MW: 20.5