

Product datasheet for **SC211276**

AGA (NM_000027) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: AGA (NM_000027) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: AGA
Synonyms: AGU; ASRG; GA
ACCN: NM_000027
Insert Size: 964 bp
Insert Sequence: >SC211276 3'UTR clone of NM_000027
The sequence shown below is from the reference sequence of NM_000027. 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
CCAAC TGAGGAAAAAGTGGACTGCATCTAATCCATCTTTACTGTCAACATCTGTATTTAAAGAAGAAAG
AAACAAAGGCTGAAAAGGCTGCTCACTCTCATCATCTAGTGTTCCTCATGTGTTCTAAAGTCTTTTTGT
AAAATAAACACAAAAATAAATTTATGTTGAATTGGCACTTTCTATATCTGAAATTGTATTATCTATTTT
TATTTAACCTTTCTTATATTATCTGAAGATGAATATGTATGTGGCTGTATTTTGTATATTTAAGTTT
TAAGTGACACTTGGATTTCTGATCAGTGTGCAAAAAATTGCTACTTTGAGATTTATTTCCACAGTGAT
ATATTAACCCAAAAGGAATCATCATATTTGGATGCTTAAAAATAGAGTATAACAAGTTTTTTAGACCCAA
AGAAAAAACAGCAGAGTCTCAGCATGATCAGTCTGATTGAATTTTATTATGTCACAGTGATGCATGT
CTTAGCACTGATTATTGGTTTTACTTAATATCCCTAAAACTTGAGGAAGGAAGATGATAGAACATGA
GATACTCTTTGTTTGTACATACTAGAAAATACAGCTATCTTCTGATGAGCAATTGTGTTGATTTTCTT
TGCTTTTTTCTCTTATGGAGCTCTCAGTGTGAAAAGTTCTAAAGCCACAAGAATCAATGATGTTTAA
GCTGCTAATATTTAGTATTGATCGTTTCTTTAAAAATGATTTGGGGAACCTTGATCTGACTGTAATTT
TACTAATTCCTTGTGAGAGGTGGGTATGGCAATTAGAAGTCAAGAAATGGGTTGTTTAGCTTGGTTTG
TTTCCCTAACTTCTGATTAACCTCTGTATGACAACTCTACAGAAGTTGTGCGCGTGCTTTCTCAGCAG
CATTTTTCTTCAAAATCATCTTTTTAATCAACAGTCATTAATAAATGTACATGTACGATATTCAA
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-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: | NM_000027.4 |
| Summary: | This gene encodes a member of the N-terminal nucleophile (Ntn) hydrolase family of proteins. The encoded preproprotein is proteolytically processed to generate alpha and beta chains that comprise the mature enzyme. This enzyme is involved in the catabolism of N-linked oligosaccharides of glycoproteins. It cleaves asparagine from N-acetylglucosamines as one of the final steps in the lysosomal breakdown of glycoproteins. Mutations in this gene are associated with the lysosomal storage disease aspartylglycosaminuria that results in progressive neurodegeneration. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is subject to proteolytic processing. [provided by RefSeq, Nov 2015] |
| Locus ID: | 175 |
| MW: | 37.8 |