

Product datasheet for **SC210955**

Argonaute 2 (AGO2) (NM_012154) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Argonaute 2 (AGO2) (NM_012154) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	AGO2
Synonyms:	CASC7; EIF2C2; LESKRES; LINC00980; PPD; Q10
ACCN:	NM_012154
Insert Size:	2000 bp



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Insert Sequence: >SC210955 3'UTR clone of NM_012154
 The sequence shown below is from the reference sequence of NM_012154. 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
GACACTCTGCGCACCATGTA CTTTGCTTGACATGTTTTAGTGTAGCGATTGTGTACCGAGTGGGATT
CACGAGACCAGCTACACTCAGACCAACAGATGGCCAGCCCTTCCGTGACAGCCAGCATCGAACATGAGA
CGTCATTGATTTTATTAGATTCTCCGTTTTCCAGAATGCCTTCCGTCCCAGATTTCAAACCTGGATTTT
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CAGGAGGGGCAGCAAGCCGAGGTGGGGGTCTCCCGATACCTCGCTGGATATTGGCGGCAATGACAA
AGGGATGACTATTATTTGTGAAGATGTGTA CACTCAGAGTGGTGTGTGTGTGTGTCATGCGTGTGCCCT
GTGTGTGAGTGTCTTATTAATGGCATTAGTCTCTTCTGGCTGATTTTTTTTTTAACTTTTTAAATGA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_012154.5](#)

Summary: This gene encodes a member of the Argonaute family of proteins which play a role in RNA interference. The encoded protein is highly basic, and contains a PAZ domain and a PIWI domain. It may interact with dicer1 and play a role in short-interfering-RNA-mediated gene silencing. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]

Locus ID: 27161

MW: 74.8