

Product datasheet for **SC210000**

ARG2 (NM_001172) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ARG2 (NM_001172) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ARG2
ACCN: NM_001172
Insert Size: 818 bp
Insert Sequence: >SC210000 3'UTR clone of NM_001172

The sequence shown below is from the reference sequence of NM_001172. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCAGAAAAATCAAGCACGTGTGAGAATTAGGAGACACTGTGCACTGACATGTTTCACAACAGGCATTCC
AGAATTATGAGGCATTGAGGGGATAGATGAATACTAAATGGTTGTCTGGGTCAATACTGCCTTAATGAG
AACATTTACACATTCTCACAATTGTAAAGTTTCCCTCTATTTTGGTGACCAATACTACTGTAAATGTA
TTTGGTTTTTGCAGTTCACAGGGTATTAATATGCTACAGTACTATGTAATTTAAAGAAGTCATAAAC
AGCATTTATTACCTTGGTATATCATACTGGTCTTGTGTGCTGTTGCTTCCATTTAAGTGGTTTTTC
ATCTTCCCTCCCTCCACAGCCTGGCTATACAGTGCATCCTTGAAGTGCAGCCACAGCAGCAAT
ATGCTTATTCTATCCACATCCCTAACATCATGCATTACAAGGTCAAAGTTCTGGTCCACAAACCCTTC
CCTATAGAAGTTCAATGGCTGCGAAAGAATTTGTAGTAAACCAGGCCTCCAGGATGGCGAGCTCCAGT
AAGATGATAATGAAAAGCAGCAGCTTGTGGTTGCACTCTACAAGAGAAGCAAAGTGGGGAGTAGTC
AGAAGTTTGGATAACCTTCCCTTAAACATTTTGGGGTTAGACCTGGGACCACGGCTGGATACTCTGAG
GCTGTATGTTTGATCACACAGCCACTTAGCAGGAAGTACTATAAGGTTCTTTAGCTGTCACTTAGGGA
TAACACTGTCTACCTCACAGAAATGTTAAACTGAGACAATAAAAAACCAAAGCATAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
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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).



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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_001172.4
Summary:	Arginase catalyzes the hydrolysis of arginine to ornithine and urea. At least two isoforms of mammalian arginase exists (types I and II) which differ in their tissue distribution, subcellular localization, immunologic crossreactivity and physiologic function. The type II isoform encoded by this gene, is located in the mitochondria and expressed in extra-hepatic tissues, especially kidney. The physiologic role of this isoform is poorly understood; it is thought to play a role in nitric oxide and polyamine metabolism. Transcript variants of the type II gene resulting from the use of alternative polyadenylation sites have been described. [provided by RefSeq, Jul 2008]
Locus ID:	384
MW:	31