

## Product datasheet for **SC203613**

### AGR2 (NM\_006408) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** AGR2 (NM\_006408) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** AGR2  
**Synonyms:** AG-2; AG2; GOB-4; HAG-2; HEL-S-116; HPC8; PDIA17; XAG-2  
**ACCN:** NM\_006408  
**Insert Size:** 1127 bp  
**Insert Sequence:** >SC203613 3'UTR clone of NM\_006408  
 The sequence shown below is from the reference sequence of NM\_006408. 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
GCTCTCAAGTTGCTGAAGACTGAATTGTAAAGAAAAAATCTCCAAGCCCTTCTGTCTGTCAGGCCTT
GAGACTTGA AAC CAGAAGAAGTGTGAGAAGACTGGCTAGTGTGGAAGCATAGTGAACACACTGATTAGG
TTATGGTTTAATGTTACAACAACACTATTTTTTAAGAAAAACAAGTTTTAGAAATTTGGTTTTCAAGTGAC
ATGTGTGAAAAAATATTGTATACTACCATAGTGAGCCATGATTTTCTAAAAAATAAATGTTTT
GGGGTGTCTGTTTTCTCCAACCTGGTCTTTCACAGTGGTTCGTTTACCAAATAGGATTAACACACA
CAAAATGCTCAAGGAAGGACAAGACAAAACAAAACACTAGTTCAAATGATGAAGACCAAAGACCAAGTT
ATCATCTACCACACCAGGTTCTCACTAGATGACTGTAAGTAGACACGAGCTTAATCAACAGAAGTA
TCAAGCCATGTGCTTTAGCATAAAGAATATTTAGAAAAACATCCAAGAAAATCACATCACTACCTAG
AGTCAACTCTGGCCAGGAAGTCTAAGGTACACACTTTTCAATTAATTAATTTAGTCAGATTTTGC
CCAACCTAATGCTCTCAGGGAAAGCCTCTGGCAAGTAGCTTTCTCCTTCAGAGGTCTAATTTAGTAGAA
AGGTCATCCAAAGAACATCTGCACTCCTGAACACACCCTGAAGAAATCCTGGGAATTGACCTTGAATC
GATTTGTCTGTCAAGGTCTAAAGTACTGGAGTGAAATAAATTCAGCCAACATGTGACTAATTTGGAAGA
AGAGCAAAGGGTGGTACGTTGATGAGGCAGATGGAGATCAGAGGTTACTAGGGTTTAGGAAACGTG
AAAGGCTGTGGCATCAGGGTAGGGGAGCATTCTGCCTAACAGAAATAGAATTTGTGTGTTAATGTCTTC
ACTCTATACTTAATCTCACATTCATTAATATATGGAATTCCTCTACTGCCAGCCCTCCTGATTTCTT
TGGCCCTGGACTATGGTGTGTATATAATGCTTTGCAGTATCTGTTGCTTGCTTGATTAACTTTTTT
GGATAAACCTTTTTTGAACAGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
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**Restriction Sites:** SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_006408.4</a>
<b>Summary:</b>	This gene encodes a member of the disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins that catalyze protein folding and thiol-disulfide interchange reactions. The encoded protein has an N-terminal ER-signal sequence, a catalytically active thioredoxin domain, and a C-terminal ER-retention sequence. This protein plays a role in cell migration, cellular transformation and metastasis and is as a p53 inhibitor. As an ER-localized molecular chaperone, it plays a role in the folding, trafficking, and assembly of cysteine-rich transmembrane receptors and the cysteine-rich intestinal glycoprotein mucin. This gene has been implicated in inflammatory bowel disease and cancer progression. [provided by RefSeq, Mar 2017]
<b>Locus ID:</b>	10551
<b>MW:</b>	43