

Product datasheet for **SC335610**

Archaemetzincin 2 (AMZ2) (NM_001289054) Human Untagged Clone

Product data:

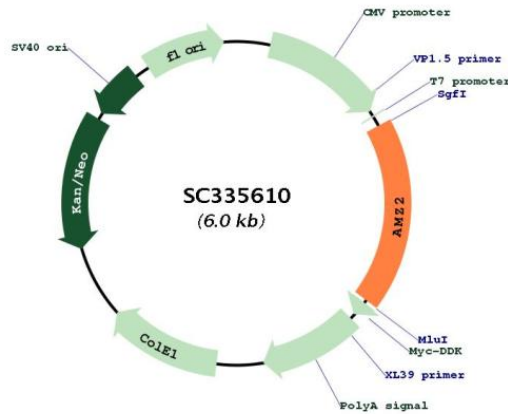
Product Type:	Expression Plasmids
Product Name:	Archaemetzincin 2 (AMZ2) (NM_001289054) Human Untagged Clone
Tag:	Tag Free
Symbol:	AMZ2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335610 representing NM_001289054. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCAAATAATACGGCACTCCGAACAGACACTAAAACAGCTCTCATCTCAAAGAACCCAGTGCTTGTA
TCACAGTATGAGAAATTAATGCTGGGGAACAACGTTTAAATGAATGAAGCCTTCCAGCCAGCCAGTGAT
CTCTTTGGACCCATTACCTTGCATTCTCCATCAGATTGGATCACCTCCCACCCTGAGGCTCCCAAGAC
TTTGAACAGTTCTTCAGTGATCCTTACAGAAAGACACCCTCTCCAACAAACGCAGCATTATATACAG
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TTTAGAGTCAATGAGAACACACACAACCTACAAATTCATGCAGGGGACATCCTGAAGTCTTGAAAAAG
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AATTTTGTCTTTGGACAGGCCTCTTTGACAGATGGTGTGGGGATATTCAGCTTTGCCAGGTATGGCAGT
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ATTTTCGACAACATTTATTTCCAGAAATAACTAGTGTCTTACTACTTGCATCCTGTAAGACTTTAACC
CATGAGATCGGACACATATTTGGACTGCGACACTGCCAGTGGCTGCATGCCTCATGAAGGCTCCAAC
CACTTGAAGAAGCTGACCGGCCCTCTAAACCTTTGCCCTATCTGTTGCACAAGTTGCAGTGTGCT
GTTGGCTTCAGCATTGTAGAAAGATACAAGCACTGGTGGGATTGATGATGAATCTTCTGACACA
CCTGGAGCAACTCCAGAACACAGTCACGAGGATAATGGGAATTTACCGAAACCCGTGGAAGCCTTTAAG
GAATGAAAGAGTGGATAATAAAATGCCTGGCTGTTCTCCAAAAATGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001289054

Insert Size: 1083 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001289054.1](#)

RefSeq Size: 1407 bp

RefSeq ORF: 1083 bp

Locus ID: 51321

UniProt ID: [Q86W34](#)

Cytogenetics: 17q24.2

Protein Families: Druggable Genome

MW: 41.3 kDa

Gene Summary: The protein encoded by this gene is a zinc metalloprotease that displays some activity against angiotensin-3. The encoded protein is inhibited by the aminopeptidase inhibitor amastatin, as well as by the general inhibitors o-phenanthroline and batimastat. Defects in this gene may be associated with lung tumorigenesis. [provided by RefSeq, Oct 2016]
Transcript Variant: This variant (7) differs in the 5' UTR compared to variant 1. Variants 1-5 and 7-17 all encode the same isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.