

Product datasheet for **SC125643**

Archaemetzincin 2 (AMZ2) (BC050709) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Archaemetzincin 2 (AMZ2) (BC050709) Human Untagged Clone
Tag: Tag Free
Symbol: AMZ2
Synonyms: archaelysin family metalloproteinase 2; archaemetzincin-2; archaemetzincins-2
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)
Cell Selection: None
Fully Sequenced ORF: >OriGene sequence for BC050709 edited

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GGACGCGGTGCGCATGCGCGCCAGACATGTCCGTCTTGTAAAGTTAAAAGCTTCCATGG
GAGCCTTCCTTCTAATCAAGATGCAAATAATACGGCACTCCGAACAGACACTAAAAACA
GCTCTCATCTCAAAGAACCCAGTGCTTGTATCACAGTATGAGAAATTAGATGCTGGGGAA
CAACGTTTAAATGAATGAAGCCTTCCAGCCAGCCAGTGATCTTTGGACCCATTACCTTG
CATTCTCCATCAGATTGGATCACCTCCCACCCTGAGGCTCCCAAGACTTTGAACAGTTC
TTCAGTGATCCTTACAGAAAGACACCCTCTCAAACAAACGCAGCATTTATATACAGTCC
ATTGGCTCTCTAGGAAACACCAGAATTATCAGTGAAGAATATATTAATGGCTCACGGGC
TACTGTAAGCATATTTCTATGGCTTGAGAGTAAACTCCTAGAACCAGTTCCTGTTTCT
GTAACAAGATGTTCCCTTAGAGTCAATGAGAACACACAACTACAAATTCATGCAGGG
GACATCCTGAAGTTCCTGAAAAAGAAACCTGAAGATGCCTTCTGTGTGTGGGAATA
ACAATGATTGATCTTTACCCAAGAGACTCGTGGAAATTTGTCTTTGGACAGGCCTCTTTG
ACAGATGGTGTGGGGATATTCAGCTTTGCCAGGTATGGCAGTGATTTTTATAGCATGCAC
TATAAAGGCAAAGTGAAGAAGCTCAAGAAAACATCTTCAAGTGACTATTCATTTTCGAC
AACTATTATATCCAGAAATAACTAGTGTCTTACTACTTCGATCCTGTAAGACTTTAACC
CATGAGATCGGACACATATTTGGACTGCGACACTGCCAGTGGCTTGCATGCCTCATGCAA
GGCTCCAACCCTTGAAGAAGCTGACCGGCCCTCTAAACCTTTGCCCTATCTGTTTG
CACAAGTTGCAGTGTGCTGTTGGCTTTCAGCATTGTAGAAAGATACAAAGCACTGGTGAGG
TGGATTGATGATGAATCTTCTGACACACCTGGAGCAACTCCAGAACACAGTCACGAGGAT
AATGGGAATTTACCGAAACCCGTGGAAGCCTTTAAGGAATGGAAGAGTGGATAATAAAA
TGCCTGGCTGTTCTCAAAAAATGAGGACCTTCAAATAGGAGTGATTGAAATAAATAACTA
CTTGATGTTATGCTTTCATTTGGGTGGAATACTTCATTGGAATAAACTACTGATCTTGT
GCTGTGTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC050709 unedited CCAGACTTTGTATACGACTCACTATAGGCGGCCGCGACATCANATCTGGTACCGGTCCGG AATTCCCAGGATATCGTCGACCCACGCGTCCGGGACGCGGTGCGCATGCGCGCCAGACA TGTCCGTCCTTGTAAAGTTAAAAGCTTCCATGGGAGCCTTCCTTCCATCAAGATGCAAA TAATACGGCACTCCGAACAGACTAAAAACAGCTCTCATCTCAAAGAACCCAGTGCTTG TATCACAGTATGAGAAATTAGATGCTGGGGAACAACGTTAATGAATGAAGCCTTCCAGC CAGCCAGTGATCTTTGGACCCATTACCTTGCATTCTCCATCAGATTGGATCACCTCCC ACCCTGAGGCTCCCCAAGACTTTGAACAGTTCTTCAGTGATCCTTACAGAAAGACACCTT CTCCAAACAAACGCAGCATTATATACAGTCCATTGGCTCTCTAGGAAACACCAGAATTA TCAGTGAAGAATATATTAATGGCTCACGGGCTACTGTAAGCATATTTCTATGGCTTGA GAGTAAACTCCTAGAACCAGTTCCTGTTTCTGTAACAAGATGTTCTTTAGAGTCAATG AGAACACACACAACCTACAAATTCATGCANGGGACATCCTGAAGTTCTTGAAAAAGAAGA AACCTGAAGATGCCTTCTGTGTTGNTGGAATAAACATGATTGANTCTTACCCAAGAGACT CGTGGAATTTTGTCTTTGGACAGGCCTTTTACAGATGGTGTGGGGATATTCAGCTTTG CCAGTATGGCAGTGATTTTATAGCATGCACTATAAAGGCAAGTGAAGAAGCTCAAGAAAC ATCTTCAGTGACTATTCATTTTCGACACTATATATCCCAGAATACTAGTGTTTACTACTT CGATCTGTAGACTTACCCATGAGATCGGACACTATTTGACTGCT
Restriction Sites:	NotI-NotI
ACCN:	BC050709
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:	<ol style="list-style-type: none"> 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:	BC050709.1 , AAH50709.1
RefSeq Size:	1310 bp
Locus ID:	51321
Cytogenetics:	17q24.2
Protein Families:	Druggable Genome
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]