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Product datasheet for SC201248

Azurocidin (AZU1) (NM_001700) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Azurocidin (AZU1) (NM_001700) Human 3' UTR Clone
Symbol:	Azurocidin
Synonyms:	AZAMP; AZU; CAP37; HBP; hHBP; HUMAZUR; NAZC
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001700
Insert Size:	171 bp
Insert Sequence:	>SC201248 3'UTR clone of NM_001700 The sequence shown below is from the reference sequence of NM_001700. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTCAACAACCCGGGACCGGGGCCAGCCTAGGGGGGCCTGTGACCTCCCATGGAGCCCAGCCCCGCCCTC CACACCTCCGGCGCTCCGCACCCACCTCCCACGGCCCCGCCCCTGCCCCCGCTCCGGCCAGAGGGGCCC TGGCTGTAATAAAGAAGCCGATCTCTCCTCTGC ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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_001700.5

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Summary: Azurophil granules, specialized lysosomes of the neutrophil, contain at least 10 proteins implicated in the killing of microorganisms. This gene encodes a preproprotein that is proteolytically processed to generate a mature azurophil granule antibiotic protein, with monocyte chemotactic and antimicrobial activity. It is also an important multifunctional inflammatory mediator. This encoded protein is a member of the serine protease gene family but it is not a serine proteinase, because the active site serine and histidine residues are replaced. The genes encoding this protein, neutrophil elastase 2, and proteinase 3 are in a cluster located at chromosome 19pter. All 3 genes are expressed coordinately and their protein products are packaged together into azurophil granules during neutrophil differentiation. [provided by RefSeq, Nov 2015]

Locus ID: 566

MW: 5.9