

Product datasheet for **SC201014**

beta Defensin 1 (DEFB1) (NM_005218) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	beta Defensin 1 (DEFB1) (NM_005218) Human 3' UTR Clone
Symbol:	beta Defensin 1
Synonyms:	BD1; DEFB-1; DEFB101; HBD1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005218
Insert Size:	119 bp
Insert Sequence:	>SC201014 3'UTR clone of NM_005218 The sequence shown below is from the reference sequence of NM_005218. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC TACAGAGGGAAGGCCAAGTGCTGCAAG TGA GCTGGGAGTGACCAGAAGAAATGACGCAGAAGTGAAATG AACTTTTATAAGCATTCTTTTAATAAAGGAAAATTGCTTTTGAAGTATA ACGCGT AAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-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:	<u>NM_005218.4</u>



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Summary:

Defensins form a family of microbicidal and cytotoxic peptides made by neutrophils. Members of the defensin family are highly similar in protein sequence. This gene encodes defensin, beta 1, an antimicrobial peptide implicated in the resistance of epithelial surfaces to microbial colonization. This gene maps in close proximity to defensin family member, defensin, alpha 1 and has been implicated in the pathogenesis of cystic fibrosis. [provided by RefSeq, Jul 2008]

Locus ID:

1672

MW:

4.6