

## Product datasheet for **SC213350**

### MICB (NM\_005931) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	MICB (NM_005931) Human 3' UTR Clone
Symbol:	MICB
Synonyms:	PERB11.2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005931
Insert Size:	1245 bp



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**Insert Sequence:** >SC213350 3'UTR clone of NM\_005931  
 The sequence shown below is from the reference sequence of NM\_005931. 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
GGGTCCACTGTTTCCACTGAGGGCACCTAGACTCTACAGCCAGGCGCCAGGATTCAACTCCCTGCCTG
GATCTCACCAGCACTTTCCCTCTGTTTCTGACCTATGAAACAGAGAAAATAACATCACTTATTTATTG
TTGTTGGATGCTGCAAAGTGTAGTAGGTATGAGGTGTTTGTCTGCTGCCACGTAGAGAGCCAGCAAAA
GGGATCATGACCAACTCAACATTCCATTGGAGGCTATATGATCAAACAGCAAATTGTTTATCATGAATG
CAGGATGTGGCAAACACTCAGACTGCTCCTGCCAACAGAAGGTTTGTGAGGGCATTCACTCCATGGTG
CTCATTGGAGTTATCTACTGGGTCATCTAGAGCCTATTGTTTGGGAATGCAGTCTTACAAGCCTACTC
TGGACCCAGCAGCTGACTCCTTCTCCACCCTCTTCTTGCTATCTCTATACCAATAAAATACGAAGGG
CTGTGGAAGATCAGAGCCCTTGTTCACGAGAAGCAAGAAGCCCCCTGACCCTTGTTCAAATATACTC
TTTTGTCTTTCTTTATTCCCACGTTCCGCCCTTGTTCAGTCCAATACAGGGTTGTGGGGCCCTTAAC
AGTGCCATATTAATTGGTATCATTATTTCTGTTGTTTTGTTTTGTTTTGTTTTGTTTTGTTTTGAGACA
GAGTCTCACTCTGTCACCCAGGCTGCAGTTCAGTGGTGTGATCTCAGCTCACTGCAACCTCTGCCTCCC
AGGTTCAAGCACTTCTCGTACCTCAGACTCCCCAATAGCTGGGATTACAGACAGGACCACCACACCCA
GCTAATTTTTGTATTTTTGTAGAGACGGGGTTTCGCCAAGTTGACCAGCCCAGTTTCAAACCTCTGAC
CTCAGGTGATCTGCCTGCCTGGCATCCCAAAGTGTGGGATTACAAGAATGAGCCACCGTGCCTGGCC
TATTTTATTATATTGTAATATATTTTATTATATTAGCCACCATGCCTGTCTTCTTCTTATGTTTTAA
TATATTTAATATATTACATGTGCAGTAATTAGATTATCATGGGTGAACTTTATGAGTGAGTATCTTGG
TGATGACTCCTCCTGACCAGCCAGGACCAGCTTCTTGTACCTTGAGGTCCCCTCGCCCCGTACACAC
CGTTATGCATTACTCTGTGTCTACTATTATGTGTGCATAATTTATACCGTAAATGTTTACTCTTTAAAT
AGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
```

**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:** [NM\\_005931.5](#)

**Summary:** This gene encodes a heavily glycosylated protein which is a ligand for the NKG2D type II receptor. Binding of the ligand activates the cytolytic response of natural killer (NK) cells, CD8 alphabeta T cells, and gammadelta T cells which express the receptor. This protein is stress-induced and is similar to MHC class I molecules; however, it does not associate with beta-2-microglobulin or bind peptides. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]

**Locus ID:** 4277

**MW:** 46.8