

## Product datasheet for **RC222315L1V**

### MICB (NM\_005931) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	MICB (NM_005931) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MICB
Synonyms:	PERB11.2
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_005931
ORF Size:	1149 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222315).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_005931.2</a>
RefSeq Size:	2385 bp
RefSeq ORF:	1152 bp
Locus ID:	4277
UniProt ID:	<a href="#">Q29980</a>
Cytogenetics:	6p21.33
Domains:	MHC_I, ig, IGc1
Protein Families:	Druggable Genome



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**Protein Pathways:** Natural killer cell mediated cytotoxicity

**MW:** 42.4 kDa

**Gene 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]