

Product datasheet for **RC222315L2V**

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-mGFP (PS100071) |
| Tag: | mGFP |
| 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. More info |
| 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: | NM_005931.2 |
| RefSeq Size: | 2385 bp |
| RefSeq ORF: | 1152 bp |
| Locus ID: | 4277 |
| UniProt ID: | Q29980 |
| 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]