

Specifications:

Gene:	hMICB
Accession:	NP_005922
Insert size:	1165bp
Concentration:	10µg at 0.2µg/µL

hMICB cDNA Plasmid

MICB MHC class I polypeptide-related sequence B [Homo sapiens (human)]

Also known as: PERB11.2

Summary:

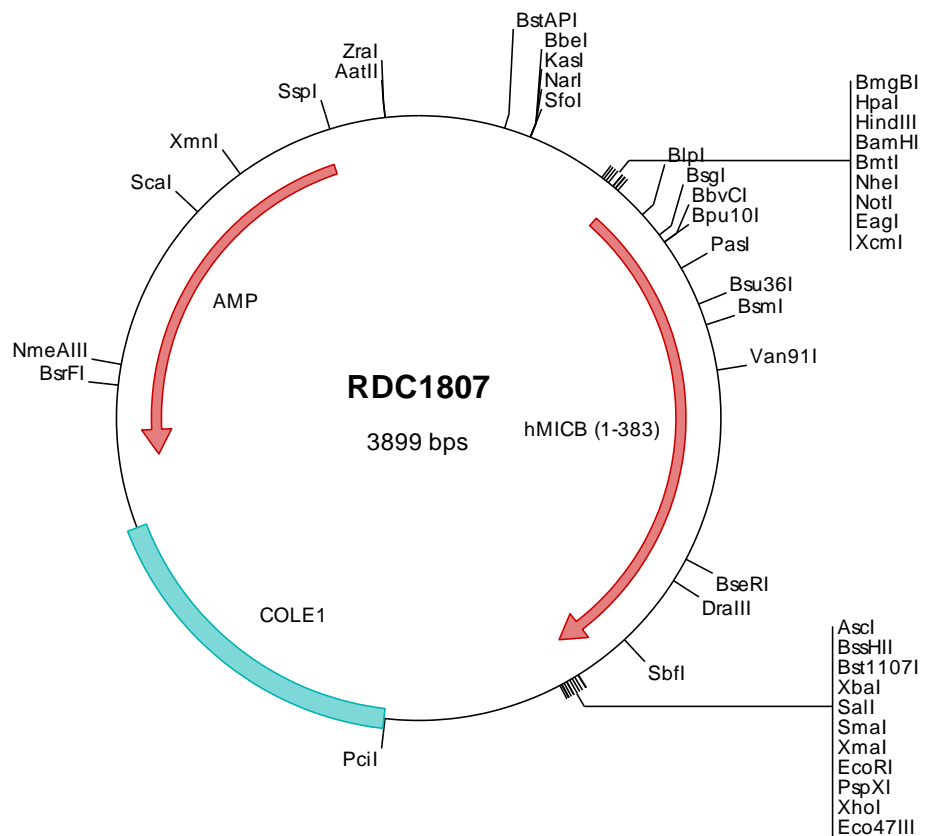
MICB is a heavily glycosylated protein and a ligand for the NKG2D type II receptor. Binding of the ligand activates the cytolytic response of natural killer (NK) cells, CD8 alpha beta T cells, and gamma delta T cells which express the receptor. MICB is stress-induced and is similar to MHC class I molecules; however, it does not associate with beta-2-microglobulin or bind peptides. Alternatively spliced transcripts encoding different proteins have been described.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1807 Plasmid DNA Sequence

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> RDC1807 Translated Insert Sequence

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