

PRODUCT INFORMATION

MICB Target

Synonyms MIC-B, PERB11.2

Recombinant Cynomolgus MICB protein with C-**Description**

terminal 10×His tag

Delivery In Stock

Uniprot ID A0A7N9DG75

Expression Host HEK293

Tag C-10×His tag

Molecular

Background

MICB(Ala23-Arg304) 10×His tag Characterization

The protein has a predicted molecular mass of

33.4 kDa after removal of the signal peptide. The **Molecular Weight** apparent molecular mass of cMICB-His is

approximately 35-55 kDa due to glycosylation.

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation &

- 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping

at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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-2microglobulin or bind peptides. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]

Usage Research use only

Unconjugated Conjugate

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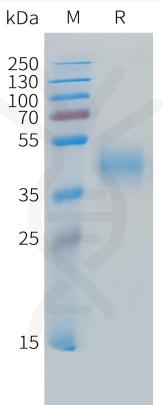


Figure 1. Cynomolgus MICB Protein, His Tag on SDS-PAGE under reducing condition.

