

32-18479: Cynomolgus MICB Protein, His Tag

Uniprot ID : A0A7N9DG75
Alternative Name : MIC-B, PERB11.2

Description

Description : Recombinant Cynomolgus MICB protein with C-terminal 10 \AA —His tag

Background : 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.

Molecular Characterization: mass of 33.4 kDa after removal of the signal peptide. The apparent molecular mass of cMICB-His is approximately 35-55 kDa due to glycosylation.

Tag : C-10 \AA —His tag

Product Info

Amount : 50 μg / 100 μg

Purification : The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

Storage condition : Store at -20 $^{\circ}\text{C}$ to -80 $^{\circ}\text{C}$ for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 $^{\circ}\text{C}$ (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

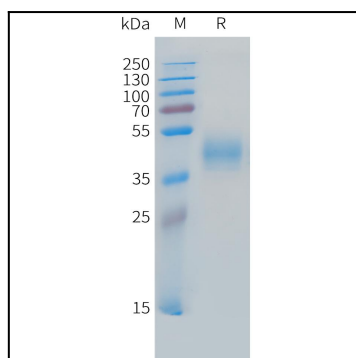


Figure 1. Cynomolgus MICB Protein, His Tag on SDS-PAGE under reducing condition.