

Datasheet for ABIN6964108

MICB Protein (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	MICB
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MICB protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human MICB Protein with C-terminal 6xHis tag
Specificity:	MICB (Ala23-Asp309) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	MICB
Alternative Name:	MICB (MICB Products)
Background:	Synonyms: MIC-B, PERB11.2 Description: 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,

Target Details

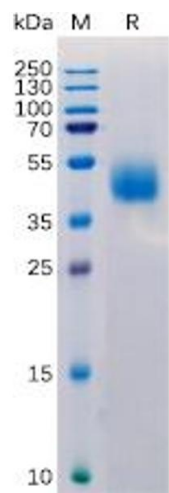
	CD8 alphabeta T cells, and gammadelta T cells which express the receptor. This protein is stress-induced and is similar to MHC class I molecules
Molecular Weight:	predicted molecular mass of 33.5 kDa after removal of the signal peptide. The apparent molecular mass of MICB-His is 35-55 kDa due to glycosylation.
Gene ID:	4277
UniProt:	Q29980
Pathways:	Human Leukocyte Antigen (HLA) in Adaptive Immune Response

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with deionized water
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Preservative:	Without preservative
Storage:	-20 °C, -80 °C
Storage Comment:	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 at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months



SDS-PAGE

Image 1. Human MICB Protein, His Tag on SDS-PAGE under reducing condition.