

Active Recombinant Human MICB protein, His-Avi-tagged, Low Endotoxin

Cat. No. MICB-980H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MICB protein(Q29980-1)(23-298 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	23-298 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human MICB, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Human NKG2D, hFc Tag with the EC50 of 0.29µg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 34.4 kDa. Due to glycosylation, the protein migrates to 48-65 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name MICB MHC class I polypeptide-related sequence B [Homo sapiens]

Official Symbol MICB

Synonyms MICB; MHC class I polypeptide-related sequence B; PERB11.2; MIC-B; MHC class I mic-B antigen; stress inducible class I homolog; MHC class I chain-related protein B; MHC class I-like molecule PERB11.2-IMX;

Gene ID 4277

mRNA Refseq NM_005931

Protein Refseq NP_005922

MIM 602436

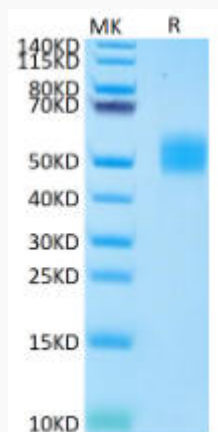
UniProt ID Q29980

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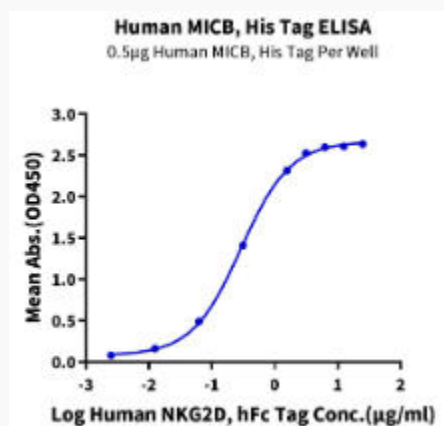
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Bis-Tris PAGE



ELISA Data



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