

Recombinant Human MICB protein, His-Avi-tagged, Biotinylated

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

SPECIFICATION

Product Overview	Biotinylated Recombinant Human MICB protein(Q29980)(Ala23-Gly298), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala23-Gly298
Tag	C-His-Avi
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human MICB, His Tag at 2ug/ml (100ul/well) on the streptavidin precoated plate (5ug/ml). Dose response curve for Human NKG2D, hFc Tag with the EC50 of 0.19ug/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 Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.

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Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Conjugation	Biotin

GENE INFORMATION

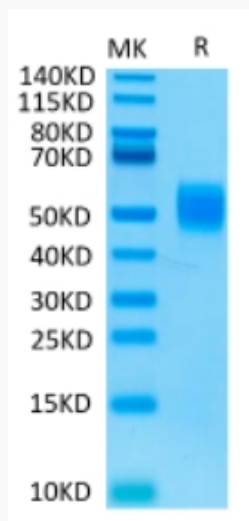
Gene Name	MICB MHC class I polypeptide-related sequence B [Homo sapiens]
Official Symbol	MICB
Synonyms	MICB; MHC class I polypeptide-related sequence B; PERB11.2; MIC-B; MHC class I mic-B antigen; stress inducible class I homolog; MHC class I chain-related protein B; MHC class I-like molecule PERB11.2-IMX;
Gene ID	4277
mRNA Refseq	NM_005931
Protein Refseq	NP_005922
MIM	602436
UniProt ID	Q29980

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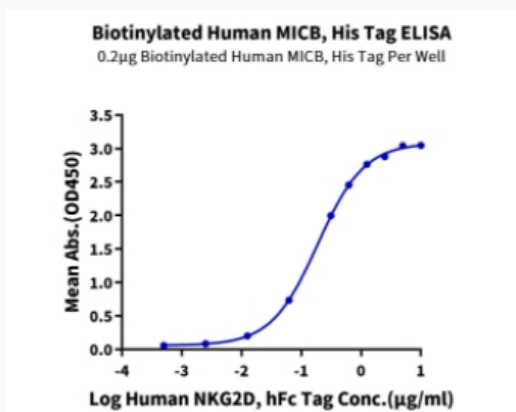
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Tris-Bis PAGE



ELISA Data



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