

Active Recombinant Human MICB protein, His-tagged

Cat. No. MICB-808H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human MICB protein(NP_005922.2) (Met 1-Gly 298) was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	1-298 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Immobilized human MICB-His at 10 µg/ml (100 µl/well) can bind S4-Fc3L3-NKG2D, The EC50 of S4-Fc3L3-NKG2D is 0.52-1.2 µg/ml.
Molecular Mass	The recombinant human MICB consists of 287 amino acids and has a predicted molecular mass of 33 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh MICB is approximately 45-50 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 98 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	MICB MHC class I polypeptide-related sequence B [Homo sapiens]
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Official Symbol	MICB
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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;
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Gene ID	4277
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mRNA Refseq	NM_005931
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Protein Refseq	NP_005922
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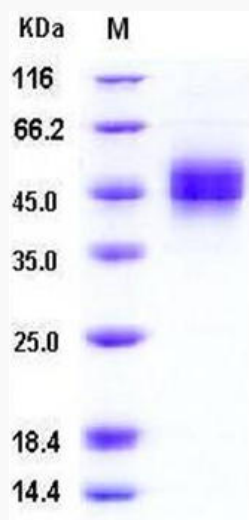
MIM	602436
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UniProt ID	Q29980
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SDS-PAGE

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