

Active Recombinant Human MICB*014:01:08 protein, His-tagged

Cat. No. MICB-2453H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human MICB*014:01:08 protein(A0A7D9D6Y8)(Ala23-Asp309) is expressed from HEK293 with His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	23-309 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human MICB*014:01:08, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Human NKG2D, hFc Tag with the EC50 of 0.63µg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 34.33 kDa. Due to glycosylation, the protein migrates to 48-68 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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