

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

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

### SPECIFICATION

|                         |                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human MICB*014:01:08 protein(A0A7D9D6Y8)(Ala23-Asp309) is expressed from HEK293 with His tag at the C-terminus.                                             |
| <b>Species</b>          | Human                                                                                                                                                                          |
| <b>Source</b>           | HEK293                                                                                                                                                                         |
| <b>ProteinLength</b>    | 23-309 aa                                                                                                                                                                      |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).                                                                                                                    |
| <b>Bio-activity</b>     | Immobilized Human MICB*014:01:08, His Tag at 5µg/ml (100µl/well) on the plate.<br>Dose response curve for Human NKG2D, hFc Tag with the EC50 of 0.63µg/ml determined by ELISA. |
| <b>Molecular Mass</b>   | 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.                                            |
| <b>Endotoxin</b>        | Less than 1 EU per µg by the LAL method.                                                                                                                                       |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC                                                                                                               |
| <b>Storage</b>          | -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](mailto: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

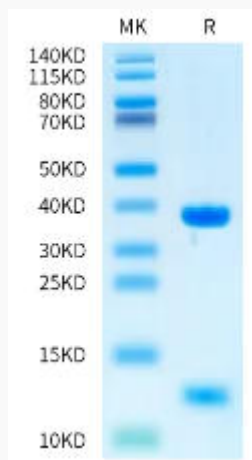
**UniProt ID** Q29980

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

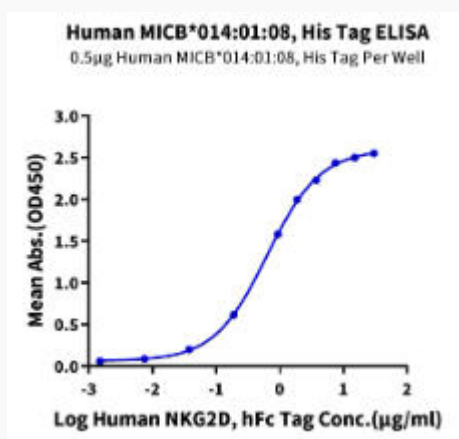
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

## Bis-Tris PAGE



## ELISA Data



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

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

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