

Active Recombinant Human MICA protein, mFc-tagged, Low Endotoxin

Cat. No. MICA-1431H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MICA protein(NP_001276081.1)(Arg105-Ser200), fused with N-terminal mFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	105-200 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 MICA alpha 3, mFc Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Anti-MICA Antibody, hFc Tag with the EC50 of 0.10µg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 36.8 kDa. Due to glycosylation, the protein migrates to 50-65 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 24 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 MICA MHC class I polypeptide-related sequence A [Homo sapiens]

Official Symbol MICA

Synonyms MICA; MHC class I polypeptide-related sequence A; PERB11.1; HLA class I antigen; stress inducible class I homolog; MHC class I chain-related protein A; MIC-A; FLJ36918; FLJ60820; MGC21250; MGC111087;

Gene ID 100507436

mRNA Refseq NM_000247

Protein Refseq NP_000238

MIM 600169

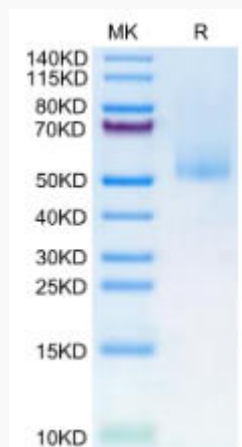
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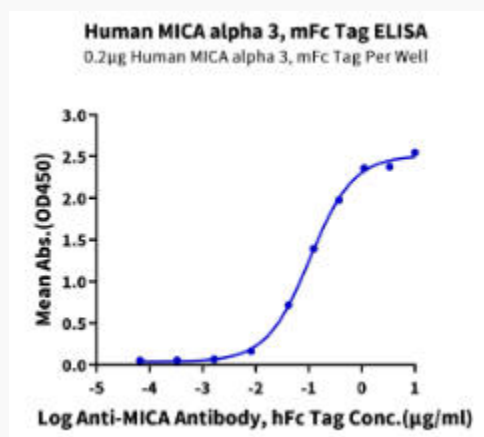
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Bis-Tris PAGE



ELISA Data



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