Recombinant Human MICA protein, His-Avi-tagged

Cat. No. MICA-964H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MICA protein(Q96QC4)(Glu24-Gln308), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Glu24-Gln308
Tag	C-His-Avi
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human MICA, His Tag at 5μg/ml (100μl/Well) on the plate. Dose response curve for Human NKG2D, hFc Tag with the EC50 of 0.81μg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 35.8 kDa. Due to glycosylation, the protein migrates to 55-70 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

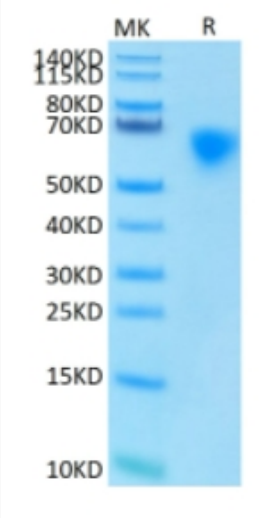
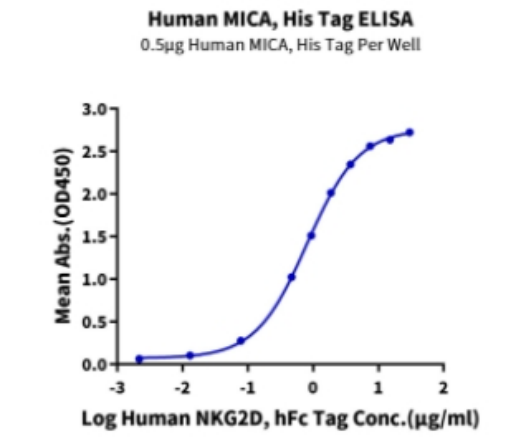
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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.

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
UniProt ID	Q29983

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Tris-Bis PAGE	
ELISA Data	

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