

Active Recombinant Human MICA protein, Fc-tagged

Cat. No. MICA-0494H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MICA protein(Glu24-Gln308), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	24-308 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human NKG2D, His Tag at 2 µg/mL (100 µL/well) can bind Human MICA, Fc Tag with a linear range of 0.5-2 ng/mL. Immobilized Human MICA, Fc Tag at 1 µg/mL (100 µL/well) can bind Human NKG2D, Mouse IgG2a Fc Tag with a linear range of 0.6-20 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 59.3 kDa. The protein migrates as 70-90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Glu24-Gln308
Endotoxin	Less than 1.0 EU per µg by the LAL method.

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Purity	>95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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	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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