

Active Recombinant Human MICA protein, His-tagged

Cat. No. MICA-2691H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human MIC-A Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met1-Gln308) of human MICA (Accession #NP_000238.1) fused with a 6×His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Gln308
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human MICA Protein at 2 µg/mL (100 µL/well) can bind NKG2D with a linear range of 0.61-14.3 ng/mL.
Molecular Mass	55-65 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	> 95% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

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Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile 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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