

Recombinant Human MICA Protein, Fc-tagged

Cat. No. MICA-1232H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MICA protein, fused to Fc tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes the highly polymorphic major histocompatibility complex class I chain-related protein A. The protein product is expressed on the cell surface, although unlike canonical class I molecules it does not seem to associate with beta-2-microglobulin. It is a ligand for the NKG2-D type II integral membrane protein receptor. The protein functions as a stress-induced antigen that is broadly recognized by intestinal epithelial gamma delta T cells. Variations in this gene have been associated with susceptibility to psoriasis 1 and psoriatic arthritis, and the shedding of MICA-related antibodies and ligands is involved in the progression from monoclonal gammopathy of undetermined significance to multiple myeloma. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2014].
Form	Lyophilized from a 0.2 M filtered solution of PBS, pH 7.4
Molecular Mass	59.9kD
Purity	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

freeze-thaw cycles.

Concentration

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name MICA MHC class I polypeptide-related sequence A [Homo sapiens]

Official Symbol MICA

Synonyms MIC-A; PERB11.1

Gene ID 100507436

mRNA Refseq NM_000247

Protein Refseq NP_000238

MIM 600169

UniProt ID Q29983

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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