Cat. No. PME101357



PRODUCT INFORMATION

Target MICAa3

Synonyms MICA; MIC-A; PERB11.1

Recombinant human MICAa3 Protein with C-Description

terminal 6×His tag

Delivery In Stock **Uniprot ID** Q29983 **Expression Host HEK293** Tag C-6×His Tag

Molecular

Purity

Background

MICAa3(Arg203-His306) 6×His tag Characterization

The protein has a predicted molecular mass of **Molecular Weight** 12.5 kDa after removal of the signal peptide.

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before

Formulation & lyophilization. Please see Certificate of Analysis Reconstitution for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

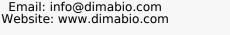
This gene encodes the highly polymorphic major histocompatability complex class I chain-related protein A. The protein product is expressed on the cell surface, although unlike canonical class I molecules it does not seem to associate with beta-2-microglobulin. It is a ligand for the NKG2-D type II integral membrane protein receptor. The protein functions as a stress-induced antigen that is broadly recognized by intestinal epithelial

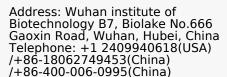
gamma delta T cells. Váriations in this gene have been associated with susceptibility to psoriasis 1 and psoriatic arthritis, and the shedding of MICA-related antibodies and ligands is involved in the progression from monoclonal gammopathy of undetermined significance to multiple myeloma. Alternative splicing of this gene results in multiple

transcript variants. [provided by RefSeq, Jan

20141

Usage Research use only Conjugate Unconjugated









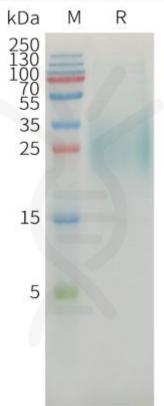


Figure 1. Human MICAα3 Protein, His Tag on SDS-PAGE under reducing condition.

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