

PRODUCT INFORMATION

Target MICA

MIC-A; PERB11.1 **Synonyms**

Recombinant Cynomolgus MICA protein with C-Description

terminal 10×His tag

Delivery In Stock **Uniprot ID** WAK97480 **Expression Host HEK293**

Tag C-10×His tag

Molecular

Purity

Background

MICA(Leu25-Trp304) 10×His tag Characterization

The protein has a predicted molecular mass of **Molecular Weight** 33.4 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.

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Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan

20141

Usage Research use only

Conjugate Unconjugated





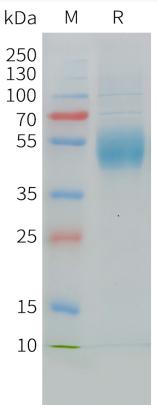


Figure 1. Cynomolgus MICA Protein, His Tag on SDS-PAGE under reducing condition. AG



