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32-18336: Human MICAa3 Protein, mFc Tag

Uniprot ID : Q29983
Alternative Name : MICA;MIC-A;PERB11.1

Description

Description : Recombinant human MICAa3 Protein with C-terminal mouse Fc tag
Background : 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. 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.
Molecular Characterization: mass of 37.9 kDa after removal of the signal peptide. The apparent molecular mass of MICAa3(203-306)-mFc is approximately 35-70 kDa due to glycosylation.
Tag :C-mouse Fc Tag

Product Info

Amount :	50 µg / 100 µg
Purification :	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	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). Lyophilized proteins are shipped at ambient temperature.

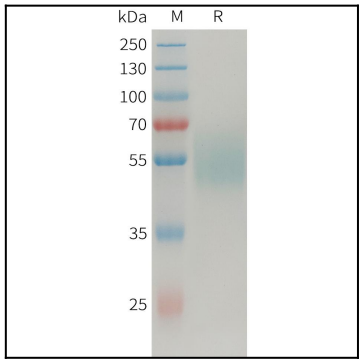


Figure 1. Human MICAÎ±3 Protein, mFc Tag on SDS-PAGE under reducing condition.

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