

PRODUCT INFORMATION

Target ITGAM

Synonyms CR3A; MO1A; CD11B; MAC-1; MAC1A; SLEB6

Recombinant human ITGAM Protein with C-**Description**

terminal human Fc tag

Delivery In Stock **Uniprot ID** P11215 **Expression Host HEK293**

Tag C-Human Fc tag

Molecular

Purity

ITGAM(Phe17-Asn1104) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 146.6 kDa after removal of the signal peptide.

The purity of the protein is greater than 90% 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 integrin alpha M chain. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This I-domain containing alpha integrin combines with the beta 2 chain (ITGB2) to form a

leukocyte-specific integrin referred to as macrophage receptor 1 ('Mac-1'), or inactivated-C3b (iC3b) receptor 3 ('CR3'). The alpha M beta 2 integrin is important in the adherence of **Background**

neutrophils and monocytes to stimulated endothelium, and also in the phagocytosis of complement coated particles. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar

2009]

Usage Research use only

Conjugate Unconjugated

> Email: info@dimabio.com Website: www.dimabio.com





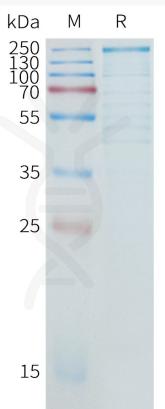


Figure 1. Human ITGAM Protein, hFc Tag on SDS-PAGE under reducing condition.



