Cat. No. PME100764



## **PRODUCT INFORMATION**

ITGAX and ITGB2 **Target** 

**Synonyms** Integrin alpha-XandIntegrin beta-2

Heterodimer protein contains recombinant human

ITGAX protein with C-terminal 6×His tag and Description human ITGB2 protein with C-terminal human Fc

tag

**Delivery** In Stock

**Uniprot ID** P20702;P05107

**Expression Host HEK293** 

Storage & Shipping

**Background** 

Tag C-6×His Tag and C-Human Fc Tag

ITGAX(Phe20-Pro1107) 6×His tag and Molecular

Characterization ITGB2(Gln23-Asn700) hFc(Glu99-Ala330)

The protein has a predicted molecular mass of 120.6 and 101.0 kDa after removal of the signal peptide. The apparent molecular mass of ITGAX-His and ITGB2-hFc is approximately 130-180 kDa **Molecular Weight** 

due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue **Purity** 

staining.

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

lyophilization. Please see Certificate of Analysis 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).

Lyophilized proteins are shipped at ambient

temperature.

This gene encodes the integrin alpha X chain protein. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This protein combines with the beta 2 chain (ITGB2) to form a leukocyte-specific integrin referred to as inactivated-C3b (iC3b) receptor 4 (CR4). The alpha X beta 2 complex

seems to overlap the properties of the alpha M beta 2 integrin in the adherence of neutrophils and monocytes to stimulated endothelium cells, and in the phagocytosis of complement coated particles. Two transcript variants encoding different isoforms have been found for this gene.

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[provided by RefSeq, Nov 2013]

Usage Research use only Conjugate Unconjugated





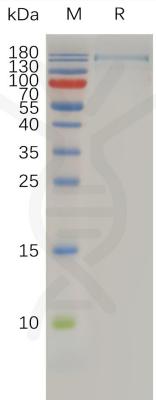


Figure 1. Human ITGAX & ITGB2 Heterodimer Protein, His Tag & hFc Tag on SDS-PAGE under reducing condition.



