

PRODUCT INFORMATION

Target CLEC7A

BGR; CD369; CANDF4; SCARE2; DECTIN1; **Synonyms**

CLECSF12

Recombinant human CLEC7A Protein with N-**Description**

terminal human Fc tag

Delivery In Stock **Uniprot ID** Q9BXN2 **Expression Host HEK293**

N-Human Fc tag Tag

Molecular

Background

hFc(Glu99-Ala330) CLEC7A(Thr66-Met247) Characterization

The protein has a predicted molecular mass of

46.7 kDa after removal of the signal peptide. The **Molecular Weight** apparent molecular mass of hFc-CLEC7A is

approximately 35-70 kDa 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 & 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 a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. The encoded glycoprotein is a small type II membrane receptor with an extracellular C-type lectin-like domain fold and a cytopian based domain with an immunoreceptor tyrosine-based activation motif. It functions as a pattern-

recognition receptor that recognizes a variety of beta-1,3-linked and beta-1,6-linked glucans from fungi and plants, and in this way plays a role in

innate immune response. Alternate

transcriptional splice variants, encoding different isoforms, have been characterized. This gene is closely linked to other CTL/CTLD superfamily members on chromosome 12p13 in the natural killer gene complex region. [provided by RefSeq,

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

Jul 2008]

Usage Research use only Conjugate Unconjugated





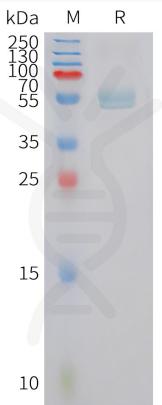


Figure 1. Human CLEC7A Protein, hFc Tag on SDS-PAGE under reducing condition.



