PRODUCT INFORMATION

Target IL21

Synonyms IL21;Za11;Interleukin-21

Recombinant Human IL21 with C-terminal mouse **Description**

Fc tag In Stock

Uniprot ID Q9HBE4 **Expression Host HEK293**

Tag C-Mouse Fc Tag

Molecular

Delivery

IL21(Gln30-Ser162) mFc(Pro99-Lys330) Characterization

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

41.6 kDa after removal of the signal peptide. The apparent molecular mass of IL21-mFc is

approximately 35-55 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 % Formulation & Reconstitution

- 8% trehalose is added as protectants before 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

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a member of the commongamma chain family of cytokines with

immunoregulatory activity. The encoded protein plays a role in both the innate and adaptive immune responses by inducing the

differentiation, proliferation and activity of multiple target cells including macrophages, **Background** natural killer cells, B cells and cytotoxic T cells.

Dysregulation of this gene plays a role in multiple immune-mediated diseases including lupus, psoriasis and chronic inflammatory diseases. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this

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

gene. [provided by RefSeq, Dec 2011]

Usage Research use only

Conjugate Unconjugated





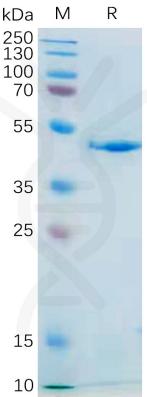


Figure 1. Human IL21 Protein, mFc Tag on SDS-PAGE under reducing condition.

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

