

## **PRODUCT INFORMATION**

**Target** IL31 **Synonyms** II - 31

Recombinant human IL31 Protein with C-terminal **Description** 

10×His tag

**Delivery** In Stock **Uniprot ID** Q6EBC2 **Expression Host HEK293** 

Tag C-10×His tag

Molecular

**Purity** 

**Background** 

IL31(Ser24-Thr164) 10×His tag Characterization

The protein has a predicted molecular mass of **Molecular Weight** 17.2 kDa after removal of the signal peptide.

The purity of the protein is greater than 85% 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.

IL31, which is made principally by activated Th2type T cells, interacts with a heterodimeric receptor consisting of IL31RA (MIM 609510) and OSMR (MIM 601743) that is constitutively

expressed on epithelial cells and keratinocytes. IL31 may be involved in the promotion of allergic skin disorders and in regulating other allergic diseases, such as asthma (Dillon et al., 2004 [PubMed 15184896]).[supplied by OMIM, Mar 2008]

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

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**Usage** Research use only

Conjugate Unconjugated





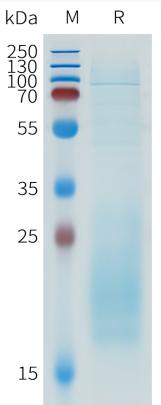


Figure 1. Human IL31 Protein, His Tag on SDS-PAGE under reducing condition.

