

PRODUCT INFORMATION

Target IL31RA

CRL; GPL; CRL3; GLMR; GLM-R; PLCA2; hGLM-R; **Synonyms**

IL-31RA; PRO21384; zcytoR17

Recombinant human IL31RA Protein with C-**Description**

terminal mouse Fc tag

Delivery In Stock **Uniprot ID Q8NI17 Expression Host HEK293**

C-Mouse Fc tag Tag

Molecular

Background

IL31RA(Ala20-Glu519) mFc(Pro99-Lys330) Characterization

The protein has a predicted molecular mass of

83.3 kDa after removal of the signal peptide. The **Molecular Weight** apparent molecular mass of IL3IRA-mFc is

approximately 100-250 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.

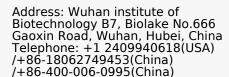
The protein encoded by this gene belongs to the type I cytokine receptor family. This receptor, with homology to gp130, is expressed on monocytes, and is involved in IL-31 signaling via activation of STAT-3 and STAT-5. It functions

either as a monomer, or as part of a receptor complex with oncostatin M receptor (OSMR). Several alternatively spliced transcript variants encoding different isoforms have been noted for

this gene.[provided by RefSeq, Jun 2011]

Usage Research use only Conjugate Unconjugated

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







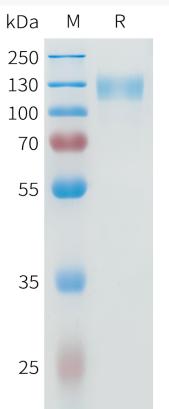


Figure 1. Human IL31RA Protein, mFc Tag on SDS-PAGE under reducing condition.

Human IL31RA Protein, mFc Tag ELISA

0.2 μg of Human IL31, hFc tagged protein per well

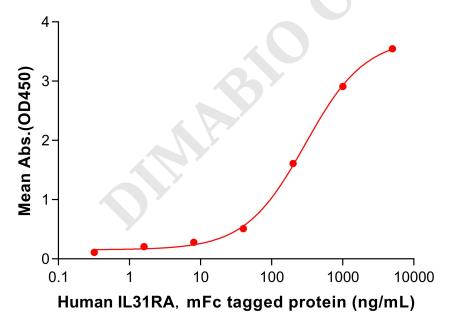


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human IL31 Protein, hFc Tag (PME100739) can bind Human IL31RA Protein, mFc Tag (PME101598) in a linear range of 200–1000 ng/mL.

