

## PRODUCT INFORMATION

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|---|---|
| <b>Target</b>                           | IL31RA  |
| <b>Synonyms</b>                         | CRL; GPL; CRL3; GLMR; GLM-R; PLCA2; hGLM-R; IL-31RA; PRO21384; zcytoR17   |
| <b>Description</b>                      | Recombinant Feline IL31RA protein with C-terminal mouse Fc tag  |
| <b>Delivery</b>                         | In Stock  |
| <b>Uniprot ID</b>                       | XP_019689862.3  |
| <b>Expression Host</b>                  | HEK293  |
| <b>Tag</b>                              | C-Mouse Fc tag  |
| <b>Molecular Characterization</b>       | IL31RA(Val20-Ser516) mFc(Pro99-Lys330)  |
| <b>Molecular Weight</b>                 | The protein has a predicted molecular mass of 82.8 kDa after removal of the signal peptide.   |
| <b>Purity</b>                           | The purity of the protein is greater than 90% as determined by SDS-PAGE and Coomassie blue staining.  |
| <b>Formulation &amp; Reconstitution</b> | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.  |
| <b>Storage&amp;Shipping</b>             | 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.   |
| <b>Background</b>                       | 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] |
| <b>Usage</b>                            | Research use only   |
| <b>Conjugate</b>                        | Unconjugated  |



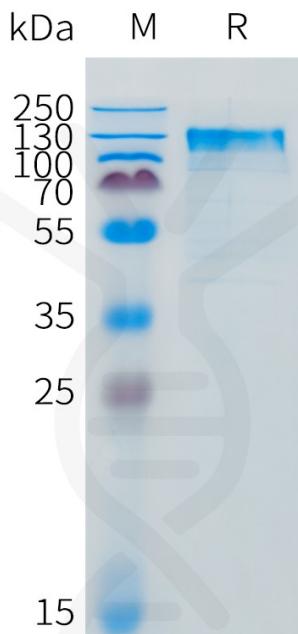


Figure 1. Feline IL31RA Protein, mFc Tag on SDS-PAGE under reducing condition.

