

PRODUCT INFORMATION

CRLF2 **Target**

Synonyms CRL2;TSLPR;CRLF2Y

Recombinant Human CRLF2 Protein with C-**Description**

terminal 6XHis tag

Delivery In Stock **Uniprot ID Q9HC73 HEK293 Expression Host** Tag C-6×His Tag

Molecular

CRLF2(Gln23-Lys231) 6×His tag Characterization

The protein has a predicted molecular mass of

25.0 kDa after removal of the signal peptide. The apparent molecular mass of CRLF2-His is **Molecular Weight**

approximately 25-55 kDa due to glycosylation. The purity of the protein is greater than 85% 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 lyophilization. Please see Certificate of Analysis Formulation & 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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a member of the type I cytokine receptor family. The encoded protein is a receptor for thymic stromal lymphopoietin (TSLP). Together with the interleukin 7 receptor (IL7R), the encoded protein and TSLP activate STAT3, STAT5, and JAK2 pathways, which control processes such as cell proliferation and development of the homotopoietic system. development of the hematopoietic system.

Background Rearrangement of this gene with immunoglobulin

heavy chain gene (IGH) on chromosome 14, or with P2Y purinoceptor 8 gene (P2RY8) on the same X or Y chromosomes is associated with Bprogenitor acute lymphoblastic leukemia (ALL) and Down syndrome ALL. Alternatively spliced transcript variants have been found for this gene.

[provided by RefSeq, Sep 2014]

Usage Research use only Conjugate Unconjugated







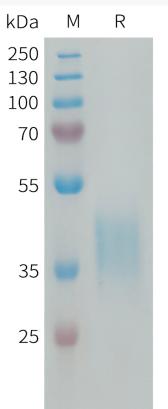


Figure 1.Human CRLF2 Protein, His Tag on SDS-PAGE under reducing condition.

Human CRLF2, His Tagged protein ELISA

0.2 μg of Human CRLF2, His tagged protein per well

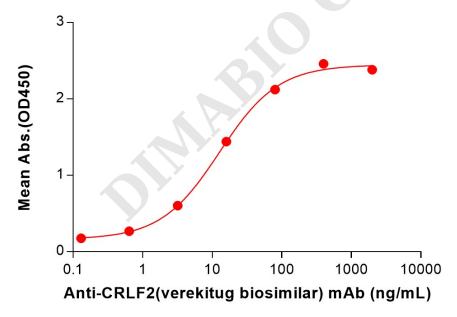


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human CRLF2 Protein, His Tag (PME100213) can bind Anti-CRLF2(verekitug biosimilar) mAb (BME100723) in a linear range of 3.20–400 ng/mL.

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