

IL-31, Mouse, Recombinant

货号: PCK319

产品信息

别名 1700013B14Rik

物种 Mouse

表达宿主 E.coli

序列信息 MTCSLSFGAPISKEDLRTTIDLLKQESQDLYNNYSIKQASGMSADESIQLPCF

SLDREALTNISVIIAHLEKVKVLSENTVDTSWVIRWLTNISCFNPLNLNISVP GNTDESYDCKVFVLTVLKQFSNCMAELQAKDNTTC with polyhistidine tag at

the C-terminus.

检索号 Q6EAL8.1

分子量 16.56 kDa

标签 His-tag at the C-terminus

产品特性

纯度 >98% as determined by SDS-PAGE. Ni-NTA chromatography

内毒素 <0.1 EU per 1 μg of the protein by the LAL method.

保存 Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution,

store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g.0.1%BSA,10%FBS,5%HSA or 5% trehalose solution),

protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.

运输 Ambient temperature or ice pack.

制剂 The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH

7.4.

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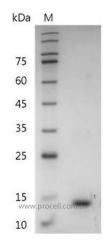
复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 µg/mL.Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

背景介绍

Interleukin-31 (IL-31) s an inflammatory cytokine that helps trigger cell-mediated immunity against pathogens. It has also been identified as a major player in a number of chronic inflammatory diseases, including atopic dermatitis. It is produced by a variety of cells, namely type 2 helper (TH2) T-cells. IL-31 sends signals through a receptor complex made of IL-31RA and oncostatin M receptor β (OSMRβ) expressed in immune and epithelial cells. These signals activate three pathways: ERK1/2 MAP kinase, PI3K/AKT, and JAK1/2 signaling pathways.

SDS-PAGE



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