

## 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	MTCSLSFGAPISKEDLRTTIDLLKQESQDLNNYSIKQASGMSADESIQLPCF SLDREALTNISVIIAHLEKVKVLSSENTVDTSWVIRWLTNISC FNPLNLNISVP 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.



## 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) is 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  $\beta$  (OSMR $\beta$ ) expressed in immune and epithelial cells. These signals activate three pathways: ERK1/2 MAP kinase, PI3K/AKT, and JAK1/2 signaling pathways.

## SDS-PAGE

