

IL-26/AK155, Human, Recombinant

货号: PCK279

产品信息

别名 AK155

物种 Human

表达宿主 E.coli

序列信息 MKHKQSSFTKSCYPRGTLSQAVDALYIKAAWHKATIPEDRIKNIRLLKKKT

> KKQFMKNCQFQEQLLSFFMEDVFGQLQLQGCKKIRFVEDFHSLRQKLSHCI SCASSAREMKSITRMKRIFYRIGNKGIYKAISELDILLSWIKKLLESSQ with

polyhistidine tag at the C-terminus.

检索号 **Q9NPH9.1**

分子量 18.53 kDa

标签 His-tag at the C-terminus

生物活性 Measure by its ability to induce IL-10 secretion in COLO205 cells. The ED50 for

this effect is <150 ng/mL.

产品特性

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

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

8.0.

网站: www.procell.com.cn 电话: 400-999-2100

邮箱: techsupport@procell.com.cn

地址: 湖北省武汉市高新大道858号生物医药产业园三期C4栋







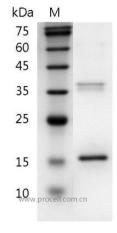
复融

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 26 (IL-26), is a natural human antimicrobial that promotes immune sensing of bacterial and host cell death. IL-26, a human TH17 cell-derived cytokine, is a cationic amphipathic protein that kills extracellular bacteria via membrane-pore formation. Furthermore, TH17 cell-derived IL-26 formed complexes with bacterial DNA and self-DNA released by dying bacteria and host cells. The IL-26–DNA complexes triggered the production of type I interferon by plasmacytoid dendritic cells via activation of Toll-like receptor 9, but independently of the IL-26 receptor.

SDS-PAGE



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邮箱: techsupport@procell.com.cn

地址: 湖北省武汉市高新大道858号生物医药产业园三期C4栋



