

### CXCL9/SCYB9, Human, Recombinant

货号: PCK287

## 产品信息

别名 Monokine Induced by Interferon-γ, MIG Pricella

物种 Human

表达宿主 E.coli

序列信息 TPVVRKGRCSCISTNQGTIHLQSLKDLKQFAPSPSCEKIEIIATLKNGVQTCL

NPDSADVKELIKKWEKQVSQKKKQKNGKKHQKKKVLKVRKSQRSRQKKT

T with polyhistidine tag at the N-terminus.

检索号 Q07325.1

分子量 12.53 kDa

标签 His-tag at the N-terminus

生物活性 Measure by its ability to chemoattract BaF3 cells transfected with mouse

CXCR3. The ED50 for this effect is <0.5 µg/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

7.4.

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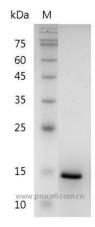
#### 复融

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

CXCL9, also named Monokine, is a member of the CXC chemokine family and is induced by gamma interferon (MIG). Following induced by IFN-gamma, this chemokine can attract T-cells . CXCL9 has close relationship with two other CXC chemokines named CXCL10 and CXCL11, additionally they all elicit their chemotactic functions by interacting with the chemokine receptor CXCR3. CXCL9 is also a cytokine that affects the growth, movement, or activation state of cells participating in immune and inflammatory response and work as a chemoattractant of activated Tcells.

#### **SDS-PAGE**



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