

## CXCL11/I-TAC/B-R1, Mouse, Recombinant

货号: PCK325

产品信息

别名 Interferon Inducible T-Cell α Chemokine, I-TAC, B-R1

物种 Mouse

表达宿主 E.coli

序列信息 FLMFKQGRCLCIGPGMKAVKMAEIEKASVIYPSNGCDKVEVIVTMKAHKR

QRCLDPRSKQARLIMQAIEKKNFLRRQNM with polyhistidine tag at the N-

terminus.

检索号 Q9JHH5

分子量 9.92 kDa

标签 His-tag at the N-terminus

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

CXCR3. The ED50 for this effect is <10 ng/mL.

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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Rev. V1.0



## 复融

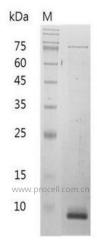
It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100  $\mu$ g/mL.Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

## 背景介绍

CXCL11 has functional and structural relationship with CXCL9 and CXCL10. This CXC chemokine lacks a ELR (Glutamate-Leucine-Arginine) tripeptide motif.. Similar to CXCL9 and CXCL10, CXCL11 can specifically bind to the G protein-coupled receptor CXCR3 and involve in chemotaxis of immune cells and angiogenesis. Expression of both CXCR3 and CXCL11 by The Th1-associated cytokine IFN $\gamma$  can express both CXCR3 and CXCL11 and create an amplification loop of cell-mediated immune response between Th1 cells.

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## **SDS-PAGE**



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