

CXCL10/IP-10/Crg-2, Human, Recombinant

货号: PCK120

产品信息

别名 IP-10, Gamma-Interferon Inducible Protein 10, Crg-2 Pricella

物种 Human

表达宿主 E.coli

序列信息 VPLSRTVRCTCISISNQPVNPRSLEKLEIIPASQFCPRVEIIATMKKKGEKRCL

NPESKAIKNLLKAVSKERSKRSP with polyhistidine tag at the N-terminus.

检索号 P02778.2

分子量 9.45 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 <0.15 µg/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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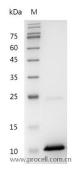
复融

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

CXCL10 ,belongs to the CXC chemokine family, is also known as IP-10. CXCL10 was originally identified as a responsor to IFN-gamma in monocytes, endothelial cells and fibroblasts. The effects of this chemokine can be induced by binding to the cell surface chemokine receptor CXCR3. Research shows that CXCL10 is a chemoattractant for activated T-lymphocytes, monocytes and macrophages. It also has other functions, such as promotion of T cell adhesion to endothelial cell.

SDS-PAGE



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