

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
物种	Human
表达宿主	E.coli
序列信息	VPLSRTVRCTCISISNQPVNPRSLEKLEIIPASQFCPRVEIATMKKKGKRCCLNPESKAIKNLLKAVSKERSKRSP 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.



复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 $\mu\text{g/mL}$. 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 responder to IFN- γ 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

