

CXCL5/ENA-78, Mouse, Recombinant

货号: PCK337

产品信息

别名 Epithelial Neutrophil Activating Peptide-78, ENA-78, AMCF, AMCF-II, Cxcl,

Cxcl6, GCP-, GCP-2, L, LIX, Scyb, Scyb5, Scyb6

物种 Mouse

表达宿主 E.coli

序列信息 VIAATELRCVCLTVTPKINPKLIANLEVIPAGPQCPTVEVIAKLKNQKEVCL

DPEAPVIKKIIQKILGSDKKKA with polyhistidine tag at the N-terminus.

检索号 P50228.2

分子量 10.62 kDa

标签 His-tag at the N-terminus

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

CXCR2. The ED50 for this effect is <100 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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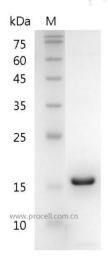
复融

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

背景介绍

The protein encoded by this gene, Chemokine (C-X-C motif) ligand 5 (CXCL5), is a small cytokine belonging to the CXC chemokine family that is also known as epithelial-derived neutrophil-activating peptide 78 (ENA-78). This chemokine is produced concomitantly with interleukin-8 (IL8) in response to stimulation with either interleukin-1 (IL1) or tumor necrosis factor-alpha (TNFA). It is observed that, CXCL5 also expresses in eosinophils, and can interact with the type II interferon IFN- α , thereby cause an inhibition. This chemokine stimulates the chemotaxis of neutrophils possesses angiogenic properties, and elicits these effects by interacting with the cell surface chemokine receptor CXCR2.

SDS-PAGE



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