

CCL4/MIP-1\(\beta\)/ACT-2, Mouse, Recombinant

货号: PCK336

产品信息

别名 MIP-1b: Macrophage Inflammatory Protein-1β, ACT-2 Pricella

物种 Mouse

表达宿主 E.coli

序列信息 APMGSDPPTSCCFSYTSRQLHRSFVMDYYETSSLCSKPAVVFLTKRGRQICA

NPSEPWVTEYMSDLELN with polyhistidine tag at the N-terminus.

检索号 Q5QNV9

分子量 8.64 kDa

标签 His-tag at the N-terminus

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

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CCR5. The ED50 for this effect is <4 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

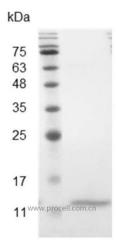
It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 μ g/mL.Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

背景介绍

CCL4 act as an important pro-inflammatory cytokine during acute and chronic inflammatory responses. CCL4 also play a role as an attractant NK cells, dendritic cells, monocytes, and lymphocytes to sites of injury and inflammation. As CCL4 conducts signaling through G-protein-coupled receptor CCR5, which is a major co-receptor for M-tropic HIV strains. Thus, binding of CCL4 to CCR5 inhibits HIV entry and reduces the cell surface expression of CCR5. CCL4 has been identified as one of the major anti-HIV factors produced by CD8+ T cells.

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SDS-PAGE



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