

MIP-1 γ / CCL9, Mouse, Recombinant

货号 : PCK232

产品信息

别名	C-C Motif Chemokine 9; CCF18; Macrophage inflammatory Protein 1-gamma; Macrophage inflammatory Protein-related Protein 2; Small-inducible Cytokine A9; Scya10; Scya9 and CCL9.
物种	Mouse
表达宿主	E.coli
序列信息	Gln22-Gln122
检索号	P51670
分子量	11.6 kDa

产品特性

纯度	>90% as determined by reducing SDS-PAGE.
内毒素	<1.0 EU per μ g as determined by LAL test.
保存	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
运输	Ambient temperature or ice pack.
制剂	Lyophilized from a 0.2 μ m filtered solution of 20mM TrisHCl, 300mM NaCl, pH8.0.



复融

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

背景介绍

C-C Motif Chemokine 9 (CCL9) is an 11 kDa, secreted, monomeric polypeptide that belongs to the beta (or CC) intercrine family of Chemokines. It is expressed mainly in the liver, lung, and the thymus, although some expression has been detected in a wide variety of tissues except brain. Monokine has inflammatory, pyrogenic and Chemokinetic properties. It circulates at high concentrations in the blood of healthy animals. Binding to a high-affinity Receptor it activates calcium release in neutrophils. It also inhibits colony formation of bone marrow myeloid immature progenitors. CCL9 can activate osteoclasts through its Receptor CCR1 (the most abundant Chemokine Receptor found on osteoclasts) suggesting an important role for CCL9 in bone resorption.

SDS-PAGE

