

## MIP-1 $\gamma$ /CCL9, Mouse, Recombinant

Cat. No. : 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
有效期	12 months

### 产品特性

内毒素	< 1.0 EU per 1 $\mu$ 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 $\mu$ m filtered solution of 20 mM TrisHCl, 300 mM NaCl, pH 8.0.
复溶	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/mL. Dissolve the lyophilized protein in sterile 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

