

Recombinant Mouse CCL9 Protein

Catalog No.: RP00625

Sequence Information

Species **Gene ID**
Mouse 20308

Swiss Prot **Tags**
P51670 No tag

Synonyms

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.

Product Information

Source **Purification**
E. coli ≥ 95 % as
determined by
SDS-PAGE.

Calculated MW **Observed MW**
11.6 kDa 15 kDa

Endotoxin

< 1 EU/μg of the protein by LAL
method.

Formulation

Lyophilized from a 0.2 μm filtered
solution of 20mM TrisHCl, 300mM
NaCl, pH8.0. Contact us for
customized product form or
formulation.

Reconstitution

Reconstitute to a concentration of
0.1–0.5 mg/mL in sterile distilled
water.

Background

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.

Basic Information

Description

Recombinant Mouse CCL9 Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Gln22–Gln122) of mouse CCL9 (Accession #P51670) fused with an initial Met at the N-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

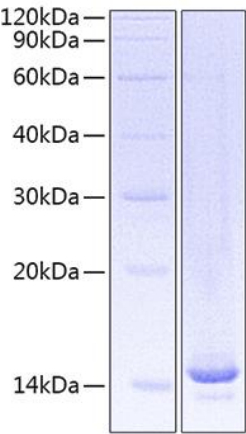
Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Validation Data



Recombinant Mouse CCL9 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.