Datasheet for ABIN7320489

CCL9 Protein

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Overview

Quantity:	50 µg
Target:	CCL9 (Ccl9)
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Mouse CCL9/MIP-1-γ Protein
Sequence:	Gln22-Gln122
Characteristics:	Recombinant Mouse C-C Motif Chemokine 9 is produced by our E.coli expression system and the target gene encoding Gln22-Gln122 is expressed.
Purity:	> 90 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CCL9 (Ccl9)
Alternative Name:	CCL9/MIP-1-gamma (Ccl9 Products)
Background:	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

Target Details

	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. Synonym: 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.
Molecular Weight:	11.6 kDa
UniProt:	P51670

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of 20 mM TrisHCl,300 mM NaCl, pH 8.0.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.