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Datasheet for ABIN1880583 CCL9 Protein (AA 22-122)

Overview

Quantity:	50 µg
Target:	CCL9 (Ccl9)
Protein Characteristics:	AA 22-122
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Mouse C-C Motif Chemokine 9/CCL9//MIP-1-γ
Sequence:	MQITHATETK EVQSSLKAQQ GLEIEMFHMG FQDSSDCCLS YNSRIQCSRF IGYFPTSGGC TRPGIIFISK RGFQVCANPS DRRVQRCIER LEQNSQPRTY KQ
Characteristics:	Recombinant Mouse C-C motif chemokine 9/CCL9 is produced with our E. coli expression system. The target protein is expressed with sequence (Gln22-Gln122) of Mouse CCL9.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	CCL9 (Ccl9)
Alternative Name:	C-C Motif Chemokine 9/CCL9 (Ccl9 Products)

Target Details

Background:	<p>Mouse CCL9 is a small cytokine belonging to the CC chemokine family. 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. 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.</p> <p>Alternative Names: 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.</p>
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Molecular Weight:	11.6kDa
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UniProt:	P51670
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
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Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM TrisHCl, 300 mM NaCl, pH 8.0.
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Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
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Storage:	4 °C/-20 °C/-80 °C
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Storage Comment:	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>
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Expiry Date:	3 months
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