

Datasheet for ABIN935657 **CCL4 Protein**



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Overview

Quantity:	10 µg
Target:	CCL4
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Sequence:	APMGSDPPTS CCFSYTSRQL HRSFVMDYYE TSSLCSKPAV VFLTKRGRQI CANPSEPWWT EYMSDLELN
Characteristics:	Purified recombinant Mouse MIP1 beta protein Expression System: E.coli Bioactivity: Determined by its ability to chemoattract human monocytes using a concentration range of 20.0-100.0 ng/mL.
Purity:	> 95 % pure
Endotoxin Level:	< 0.1 ng per µg (1 EU/µg).

Target Details

Target:	CCL4
Alternative Name:	MIP1 beta (CCL4 Products)
Background:	Both MIP-1 alpha and MIP-1 beta are structurally and functionally related CC chemokines. They

Target Details

participate in the host response to invading bacterial, viral, parasite and fungal pathogens by regulating the trafficking and activation state of selected subgroups of inflammatory cells e.g. macrophages, lymphocytes and NK cells. While both MIP-1 alpha and MIP-1 beta exert similar effects on monocytes their effect on lymphocytes differ, with MIP-1 alpha selectively attracting CD8+ lymphocytes and MIP-1 beta selectively attracting CD4+ lymphocytes. Additionally, MIP-1 alpha and MIP-1 beta have also been shown to be potent chemoattractants for B cells, eosinophils and dendritic cells. Both human and Mouse MIP-1 alpha and MIP-1 beta are active on human and Mouse hematopoietic cells.

Alternative Names: MIP beta 1 protein, MIP beta-1 protein, MIP1 beta, MIP beta-1, ACT-2 protein, MIP-1 beta protein, CCL4 protein, Macrophage Inflammatory Protein-1 beta protein, MIP beta 1

Molecular Weight:	7.8 kDa
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Application Details

Application Notes:	Each Investigator should determine their own optimal working dilution for specific applications.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Buffer:	Supplied as a lyophilized powder.
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Handling Advice:	Avoid repeated freeze/thaw cycles.
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Storage:	4 °C/-20 °C
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Storage Comment:	Store at 4 °C until reconstitution. Following reconstitution aliquot and freeze at -20 °C for long term storage.
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