

Datasheet for ABIN935656 **CCL3 Protein**



[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	CCL3
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Sequence:	APYGADTPTA CCFSYSRKIP RQFIVDYFET SSLCSQPGVI FLTKRNRQIC ADSKETWVQE YITDLELNA
Characteristics:	Purified recombinant Mouse MIP1 alpha protein Expression System: E.coli Bioactivity: Determined by its ability to chemoattract Mouse balb/c splenocytes using a concentration range of 10.0-100.0 ng/mL.
Purity:	> 98 % pure
Endotoxin Level:	< 0.1 ng per µg (1 EU/µg).

Target Details

Target:	CCL3
Alternative Name:	MIP1 alpha (CCL3 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: CCL3 protein, MIP-1 alpha protein, MIP-1 alpha protein, MIP 1 alpha protein, MIP1 alpha, Macrophage Inflammatory Protein-1 alpha protein, LD78 alpha protein, MIP-1 alpha, MIP 1 alpha

Molecular Weight:	7.8 kDa
-------------------	---------

Pathways:	Cellular Response to Molecule of Bacterial Origin, Autophagy
-----------	--

Application Details

Application Notes:	Each Investigator should determine their own optimal working dilution for specific applications.
--------------------	--

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
---------	-------------

Buffer:	Supplied as a lyophilized powder.
---------	-----------------------------------

Handling Advice:	Avoid repeated freeze/thaw cycles.
------------------	------------------------------------

Storage:	4 °C/-20 °C
----------	-------------

Storage Comment:	Store at 4 °C until reconstitution. Following reconstitution aliquot and freeze at -20 °C for long term storage.
------------------	--