

Datasheet for ABIN2830201

CCL3 Protein

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Overview

Quantity:	100 µg
Target:	CCL3
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	Functional Studies (Func)

Product Details

Sequence:	APYGADTPTA CCFSYGRQIP RKFIADYFET SSLCSQPGVI FLTKRNRQIC ADPKETWVQE YITELELNA
Characteristics:	Biological Activity: Fully biologically active when compared to standard. The biological activity determined by a chemoattract bioassay using human blood monocytes is in a concentration range of 10-100 ng/mL.
Purity:	>98 % as determined by SDS-PAGE and HPLC.
Sterility:	0.2 µm filtered

Target Details

Target:	CCL3
Alternative Name:	Ccl3 (CCL3 Products)
Background:	Relevance: Monokine with inflammatory and chemokinetic properties. Has chemotactic activity

Target Details

for monocytes, neutrophils, eosinophils, basophils, and lymphocytes. Required for lung TNF-
alpha production, neutrophil recruitment and subsequent lung injury and may function as an
autocrine mediator for the macrophage production of TNF-alpha which in turn up-regulates
vascular adhesion molecules required for neutrophil influx. This protein binds heparin.
Synonyms: Macrophage inflammatory protein 1-alpha, Small-inducible cytokine A3

Molecular Weight: 7.9 kDa

UniProt: [P50229](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin, Autophagy](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Storage: -20 °C