Datasheet for ABIN2666877

CCL3 Protein (AA 24-92)

1 Image

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Overview

Quantity:	10 µg
Target:	CCL3
Protein Characteristics:	AA 24-92
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	ELISA, Flow Cytometry (FACS)

Product Details

Purity:	> 97 % , as determined by Coomassie stained SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 0.01 ng per µg cytokine as determined by the LAL method.

Target Details

Target:	CCL3
Alternative Name:	CCL3 (CCL3 Products)
Background:	CCL3 is a chemokine belonging to the CC chemokine family. CCL3 is involved in activation and recruitment of lymphocytes, monocytes, and granulocytes during acute inflammation. In addition to regulating leukocyte migration, CCL3 enhances IFN-γ secretion from activated T cells and thus induces Th1 response. Moreover, CCL3 has been reported to be involved in

Target Details

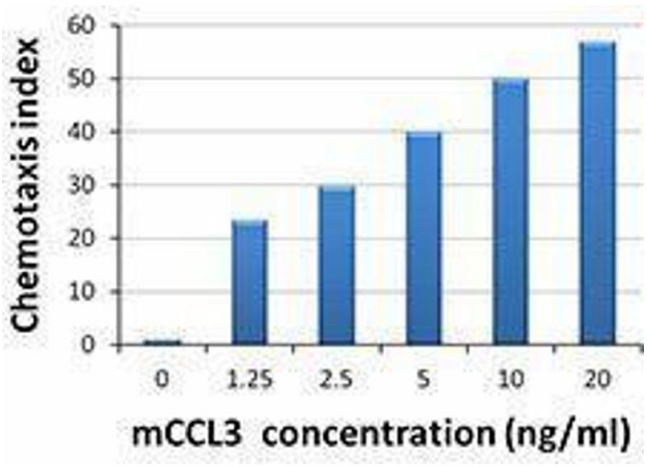
	susceptibility of HIV infection and disease progression of AIDS. Also, CCL3 expression is increased during atherosclerotic lesion formation in mice, and CCL3 deficiency inhibits atherosclerotic lesion development by affecting neutrophil accumulation. Previous data has shown that CCL3 uses CCR1 to promote neutrophil recruitment in OVA-challenged, immunized mice.
Molecular Weight:	The 69 amino acid recombinant protein has a predicted molecular mass of approximately 7.8 kDa. The DTT-reduced protein migrates at approximately 12 kDa and non-reduced protein migrates at approximately 14 kDa by SDS-PAGE. The predicted N-terminal amino ac
Pathways:	Cellular Response to Molecule of Bacterial Origin, Autophagy

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Biological activity: Bioactivity was measured by its ability to chemoattract Baf3-hCCR5 cells in a dose dependent manner.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	For maximum results, quick spin vial prior to opening. Stock solutions should be prepared at no less than 10 µg/mL in sterile buffer (PBS, HPBS, DPBS, and EBSS) containing carrier protein such as 1 % BSA or HSA. After dilution, the cytokine can be stored between 2 °C and 8 °C for one month or from -20 °C to -70 °C for up to 3 months.
Buffer:	0.22 µm filtered protein solution is in 20 mM Glycine, 150 mM NaCl, pH 3.0.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	-20 °C
Storage Comment:	Unopened vial can be stored between 2°C and 8°C for three months, at -20°C for six months, or at -70°C for one year.



ELISA

Image 1.

