

Datasheet for ABIN7566043
CCL22 Protein (AA 25-92) (Fc Tag)



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Overview

Quantity:	50 µg
Target:	CCL22
Protein Characteristics:	AA 25-92
Origin:	Mouse
Source:	CHO Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCL22 protein is labelled with Fc Tag.

Product Details

Purpose:	CCL22 (mouse):Fc (mouse) (rec.)
Cross-Reactivity:	Mouse
Characteristics:	The extracellular domain of mouse CCL22 (aa 25-92) is fused to the N-terminus of the Fc region of mouse IgG2a.
Purity:	>98 % (SDS-PAGE)
Sterility:	Sterile filtered
Endotoxin Level:	<1EU/mg protein (LAL test, Lonza).

Target Details

Target:	CCL22
Alternative Name:	CCL22 (CCL22 Products)

Target Details

Background: C-C Motif Chemokine 22, CC Chemokine STCP-1, Stimulated T Cell Chemotactic Protein 1, STCP1, MDC, Macrophage-derived Chemokine, Small-inducible Cytokine A22

CCL22 (C-C Motif Chemokine 22, Stimulated T cell chemotactic protein, STCP1) is a CC chemokine initially isolated from clones of monocyte-derived macrophages and binds to the receptor CCR4. Human CCL22 is highly expressed in macrophage and in monocyte-derived dendritic cells and thymus. It is also found in lymph node, appendix, activated monocytes, resting and activated macrophages. May play a role in the trafficking of activated/effector T lymphocytes to inflammatory sites and other aspects of activated T lymphocyte physiology. CCL22 has been shown to induce chemotaxis or Ca²⁺ mobilization in dendritic cells, IL-2 activated NK cells and activated T lymphocytes.

Molecular Weight: ~35-50kDa

NCBI Accession: [NP_033163](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from 0.2µm-filtered solution in PBS.

Handling Advice: Avoid freeze/thaw cycles. Centrifuge lyophilized vial before opening and reconstitution.

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: -20°C
Use & Stability: Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.