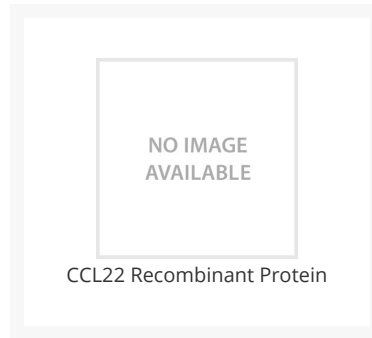




# CCL22 Recombinant Protein

Cat. No.: 90-386




## Ψ Specifications

<b>SPECIES:</b>	Mouse
<b>SOURCE SPECIES:</b>	CHO cells
<b>SEQUENCE:</b>	The extracellular domain of mouse CCL22 (aa 25-92) is fused to the N-terminus of the Fc region of mouse IgG2a.
<b>FUSION TAG:</b>	Fc Tag
<b>TESTED APPLICATIONS:</b>	
<b>APPLICATIONS:</b>	This recombinant proteins is for research use only.

## Ψ Properties

<b>PURITY:</b>	>98% (SDS-PAGE). Endotoxin level is less than 0.06EU/ µg protein (LAL test; Lonza).
<b>PHYSICAL STATE:</b>	Lyophilized
<b>BUFFER:</b>	Lyophilized from 0.2µm-filtered solution in PBS. Reconstitute at 100 µg/ml in sterile PBS.
<b>STORAGE CONDITIONS:</b>	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.

<b>OFFICIAL SYMBOL:</b>	Ccl22
<b>ALTERNATE NAMES:</b>	C-C Motif Chemokine 22, CC Chemokine STCP-1, Stimulated T Cell Chemotactic Protein 1, STCP1, MDC, Macrophage-derived Chemokine, Small-inducible Cytokine A22
<b>ACCESSION NO.:</b>	NP_033163
<b>PROTEIN GI NO.:</b>	6677879
<b>GENE ID:</b>	20299

 Background and References

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<b>BACKGROUND:</b>	<p>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 Ca<sup>2+</sup> mobilization in dendritic cells, IL-2 activated NK cells and activated T lymphocytes.</p>
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