

Product datasheet for **TP724753**

Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human CCL22 (C-hFc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Gly25-Gln93
Tag:	C-Human Fc
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Note:	Recombinant Human CCL22 (C-hFc) is produced by Human Cells. The target gene encoding Gly25-Gln93 is expressed with a C-hFc tag.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-5 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Synonyms:	C-C Motif Chemokine 22; CC Chemokine STCP-1; Stimulated T Cell Chemotactic Protein 1; MDC; Macrophage-derived Chemokine; Small-inducible Cytokine A22
Summary:	CCL22, also named 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 ²⁺ mobilization in dendritic cells, IL-2 activated NK cells and activated T lymphocytes.



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