

Product datasheet for **TP726010**

Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human CCL20 (C-hFc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ala27-Met96
Tag:	C-hFc
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Note:	Recombinant Human CCL20 (C-hFc) is produced by Human Cells. The target gene encoding Ala27-Met96 is expressed with a C-hFc tag.
Stability:	12 months from date of despatch
Summary:	Chemokine (C-C motif) ligand 20 (CCL20) attracts immature dendritic cells and memory T lymphocytes, both expressing CCR6. Low levels of MIP3A / CCL20 has been seen in thymus, prostate, testis, small intestine and colon. As a chemotactic factor, MIP3A / CCL20 attracts lymphocytes and, slightly, neutrophils, but not monocytes. This chemokine may inhibit proliferation of myeloid progenitors in colony formation assays and it may be involved in formation and function of the mucosal lymphoid tissues by attracting lymphocytes and dendritic cells towards epithelial cells. Its C-terminal processed forms have been shown to be equally chemotactically active for leukocytes. Deregulation of miRNAs and chemokine CCL20 was shown to play a role in colorectal cancer (CRC) pathogenesis and the regulation of CCL20 expression by miR-21 might be a regulatory mechanism involved in progression of colorectal cancer (CRC).



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