

Product datasheet for **TP724752**

Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human CCL4 (C-hFc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ala24-Asn92
Tag:	C-Human Fc
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Note:	Recombinant Human CCL4 (C-hFc) is produced by Human Cells. The target gene encoding Ala24-Asn92 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 4; Lymphocyte Activation Gene 1 Protein; LAG-1; Macrophage Inflammatory Protein 1 ¹ ; MIP-1 ¹ ; T Cell Activation Protein 2; ACT-2; Small-inducible Cytokine A4; PAT 744; Protein H400
Summary:	CCL4, (C-C motif chemokine 4; macrophage inflammatory protein 1 ¹) is a chemokine secreted at sites of inflammation by activated leukocytes, lymphocytes, vascular endothelial cells and pulmonary smooth cells. CCL4 attracts a variety of immune cells to sites of microbial infection as well as to pathologic inflammation, such as allergic asthma and ischemic myocardium. Full-length and truncated CCL4 exert biological activity through the receptor CCR5. The truncated form of CCL4 interacts additionally with CCR1 and CCR2b. The ability of CCL4 to bind CCR5 inhibits the cellular entry of M-tropic HIV. Both CCL4 forms block HIV-1 infection of T cells by inducing the downregulation of CCR5.



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