

## 32-7515: Recombinant Human C-C Motif Chemokine 4/CCL4 (C-6His)(Discontinued)

**Gene :** CCL4  
**Gene ID :** 388372  
**Uniprot ID :** P13236

### Description

Source: Human Cells.  
MW :8.87kD.

Recombinant Human C-C Motif Chemokine 4 is produced by our Mammalian expression system and the target gene encoding Ala24-Asn92 is expressed with a 6His tag at the C-terminus. C-C Motif Chemokine 4 (CCL4) is a secreted protein which belongs to the intercrine beta (chemokine CC) family. CCL4 is a chemoattractant for natural killer cells, monocytes and a variety of other immune cells. CCL4 is a major HIV-suppressive factor produced by CD8+ T cells. Recombinant CCL4 induces a dose-dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus (SIV). The processed form CCL4 (3-69) retains the abilities to induce down-modulation of surface expression of the chemokine receptor CCR5 and to inhibit the CCR5-mediated entry of HIV-1 in T-cells. CCL4 (3-69) is also a ligand for CCR1 and CCR2 isoform B.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, 5% Threhalose, pH 7.5.  
Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks.  
**Storage condition :** Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** APMGSDPPTACCFSTARKLPRNFVVDYYETSSLCSQPAVVFQTKRSKQVCADPSETWVQEYVYDLELNVDDHH  
HHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.