

# Human CCL16 Recombinant Protein



RPPB1108

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## Product Information   Protein Information

**Product SKU:**

RPPB1108

**Accession:**

O15467

**Host:**

Escherichia Coli.

**Protein description:**

CCL16 Human Recombinant produced in E.Coli is a non-glycosylated, Polypeptide chain containing 97 amino acids and having a molecular mass of 11.2 kDa. The CCL16 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

C-C motif chemokine 16, Small-inducible cytokine A16, IL-10-inducible chemokine, Chemokine LEC, Monotactin-1, Chemokine CC-4, Lymphocyte and monocyte chemoattractant, CCL-16, HCC-4, HCC4, NCC4, NCC-4, Liver Expressed Chemokine, LMC, LCC-1, LCC1, MTN-1, MTN1, SCYL4, ckB12, SCYA16, LEC, ILINCK, MGC117051.

**Formulation:**

The CCL16 protein was lyophilized from a concentrated (1mg/ml) sterile solution containing 20mM PBS pH-7.4 and 0.15M sodium chloride.

**Purity:**

Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized CCL16 in sterile 18MΩ-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized CCL16 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CCL16 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

QPKVPEWVNTPTSCCLKYYEKVLPRLVVGYSKALNCHLPAIIFVTKRNREVCTNP  
NDDWVQEYIKDPNLPPLPTRNLSTVKIITAKNGQPQLLSQ.

**Biological Activity:**

Determined by its ability to chemoattract total human monocytes using a concentration range of 10-100 ng/ml corresponding to a Specific Activity of 10,000-100,000IU/mg.