

## PRODUCT DATA SHEET

### Monocyte Chemotactic Protein-1 Human E. coli

**Cat. No.:** RP1772710020

**Size:** 20 µg

**Source:** E. coli

**Type:** Recombinant protein

**Species:** Human

**Other Names:**

MCP-1, CCL2, C-C motif chemokine 2, MCAF

**Description:**

Monocyte Chemotactic Protein-1 Human Recombinant also known as Monocyte Chemotactic and Activating Factor (MCAF) produced in E.coli is a non-glycosylated, Polypeptide chain containing 76 amino acids and having a molecular mass of 8607 Dalton. The MCP-1 is purified by proprietary chromatographic techniques.

The sequence of the first five N-terminal amino acids was determined and was found to be Gln-Pro-Asp-Ala-Ile.

**Purity:**

Greater than 98.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE

**Formulation:**

The protein was lyophilized from a concentrated (1mg/ml) sterile solution containing no additives.

**Shipping:**

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

**Storage/Stability:**

Lyophilized MCP-1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CCL2 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.