

Product: Monocyte Chemotactic Protein-4 (CCL13), Human, Recombinant
Catalog #: 11-MCP-4H
Amount: 5 µg

DESCRIPTION: Recombinant Human MCP-4 produced in E.Coli is a non-glycosylated, Polypeptide chain containing 74 amino acids and having a molecular mass of 8510 Dalton. The rHuMCP-4 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-Leu.

SOURCE: *Escherichia coli* expression system

MOLECULAR WEIGHT: 8.5 kDa

PURITY: > 95.0% as determined by:
(a) Analysis by RP-HPLC.
(b) Anion-exchange FPLC.
(c) Analysis by reducing and non-reducing SDS-PAGE Silver Stained gel.

ENDOTOXIN: Less than 0.1 ng/µg (IEU/µg) of MCP-4.

DIMERS & AGGREGATES: Less than 1% as determined by silver-stained SDS-PAGE gel analysis.

PROTEIN CONTENT: Protein quantitation was carried out by two independent methods:
1. UV spectroscopy at 280 nm.
2. RP-HPLC-Analysis, using a standard solution of MCP-4 as a Reference Standard.

FORM: Purified.

CONCENTRATION: 0.1 mg/ml

STORAGE: -20°C (aliquot), avoid freezing and thawing cycles

BIOLOGICAL ACTIVITY: rHuMCP-4 is fully biologically active when compared to standard. The specific activity as determined by the ability of MCP-4 to chemoattract human monocytes at 10-100ng/ml.

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