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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Human Monocyte Chemotactic Protein-1 (CCL2)

CLY100-13-5UG
CLY100-13-20UG
CLY100-13-100UG
CLY100-13-500UG
CLY100-13-1MG

Description: Recombinant Human MCP-1 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.

Source: *E.coli*

Presentation: 5 µg (CLY100-13-5UG), 20 µg (CLY100-13-20UG), 100 µg (CLY100-13-100UG), 500 µg (CLY100-13-500UG), or 1 mg (CLY100-13-1MG), sterile filtered white lyophilized (freeze-dried) powder. Human MCP-1 is lyophilized with no additives.

Reconstitution: Centrifuge vial before opening. When reconstituting the product, gently pipette and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with sterile water at a concentration of 0.1 mg/ml, which can be further diluted into other aqueous solutions.

Stability: Lyophilized product is very stable at -20 degrees. Reconstituted material should be aliquoted and frozen at -20°C. It is recommended to add a carrier protein (0.1% HSA or BSA) for long term storage.

Purity:

Greater than 95% as determined by:
Analysis by RP-HPLC.
Reducing and non- reducing SDS-PAGE.

Protein Content determined by:

UV spectroscopy at 280 nm.
Analysis by RP-HPLC calibrated against a known standard.
Quantitation on SDS-PAGE against a known standard.

Endotoxin Level: Endotoxin level as measured by kinetic LAL analysis is <0.05 EUs/µg protein (with a 50% confidence range)

Biological Activity: MCP-1 is fully biologically active when compared to standard. The specific activity as determined by the ability of MCP-1 to chemoattract human monocytes using a concentration of 4 - 15 ng/ml.

AA Sequence: QPDAINAPVT CCYNFTNRKI SVQRLASYRR ITSSKCPKEA VIFKTIVAKE ICADPKQKWV QDSMDHLDKQ TQTPKT

Laboratory Reagent For Research Use Only

MW 02/11/21

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