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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CCL8 (Human) Recombinant Protein

Catalog Number: P9513

Regulation Status: For research use only (RUO)

Product Description: Human CCL8 (P80075, 24 a.a. - 99 a.a.) partial recombinant protein expressed in *Escherichia coli*.

Sequence:

QPDSVSIPITCCFNVINRKIQRLSESYTRITNIQCPKEAV
IFKTKRGKEVCADPKERWVRDSMKHLDQIFQNLKP

Host: *Escherichia coli*

Theoretical MW (kDa): 8.9

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Lyophilized

Preparation Method: *Escherichia coli* expression system

Purity: > 95.0% by SDS-PAGE

Activity: The ED₅₀ is 30 - 100 ng/mL was determined by measuring the dose dependent mobilization of intracellular calcium (calcium flux) with human THP-1 cells, corresponding to a specific activity of 10000 - 33334 IU/mg. Significant calcium mobilization is observed with 500 ng/mL of recombinant human MCP-2.

Recommend Usage: Biological Activity

SDS-PAGE

The optimal working dilution should be determined by the end user.

Storage Buffer: Lyophilized from sterile distilled Water is > 100 ug/mL

Storage Instruction: Store at 2°C to 8°C for 1 week.

For long term storage, aliquot and store at -20°C to -80°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 6355

Gene Symbol: CCL8

Gene Alias: HC14, MCP-2, MCP2, SCYA10, SCYA8

Gene Summary: This gene is one of several cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The protein encoded by this gene is structurally related to the CXC subfamily of cytokines. Members of this subfamily are characterized by two cysteines separated by a single amino acid. This cytokine displays chemotactic activity for monocytes, lymphocytes, basophils and eosinophils. By recruiting leukocytes to sites of inflammation this cytokine may contribute to tumor-associated leukocyte infiltration and to the antiviral state against HIV infection. [provided by RefSeq]