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Datasheet

CCL8 (Human) Recombinant Protein

Catalog Number: P4423

Regulation Status: For research use only (RUO)

Product Description: Human CCL8 (P80075) recombinant protein expressed in *Escherichia coli*.

Sequence:
QPDSVSIPITCCFNVINRKIPIQRLESYTRITNIQCPKEAV
IFKTKRGKEVCADPKERWVRDSMKHLDQIFQNLKP

Host: Escherichia coli

Theoretical MW (kDa): 8.9

Applications: Func, SDS-PAGE
(See our web site product page for detailed applications information)

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

Endotoxin Level: < 0.1 EU/ug

Activity: The activity is determined by the ability of MCP-2 to chemoattract THP-1 cells and is detectable starting at 100 ng/mL.

Storage Buffer: No additive

Storage Instruction: Store at -20°C on dry atmosphere. After reconstitution with sterilized water, store at -20°C or lower.
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]