

TECHNICAL DATA SHEET

Recombinant Mouse CCL8 (MCP-2) (Carrier-free)

Catalog Number: 21-7012

RPx-Pro™ Recombinant Protein

PRODUCT INFORMATION

CONTENTS

Recombinant Mouse CCL8 (MCP-2) (Carrier-free)

DESCRIPTION

CCL8, also known as MCP2, is a member of the CC family of chemokines. CCL8 is a chemoattractant for mast cells, basophils, eosinophils, monocytes, T cells and NK cells. CCL8 exerts its effects through binding to the receptors CCR1, CCR2B and CCR5.

MOLECULAR MASS

Recombinant murine MCP-2 is an 8.5 kDa protein containing 74 amino acid residues including the four highly conserved cysteine residues present in the CC chemokines.

AMINO ACID SEQUENCE

GPDKAPVTCC FHV LK LKIPL RVLKSYERIN NIQCPMEAVV FQTKQGMSLC VDPTQKWVSE YMEILDQKSQ ILQP

SOURCE

E. coli

APPLICATIONS

Bioassay

PURITY

98 %

STORAGE

-20°C

PROTEIN CONTENT

Content Verified by UV Spectroscopy and/or SDS-PAGE

ENDOTOXIN LEVEL

Endotoxin level is <0.1 ng/µg of protein (<1 EU/µg).

AUTHENTICITY

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

CROSS REACTIVITY

Human

BIOACTIVITY

Determined by its ability to chemoattract human peripheral blood monocytes using a concentration range of 10.0-100.0 ng/ml.

RESEARCH AREAS

Angiogenesis/Cardiovascular; Cancer; Chemotaxis; Immune System; Neurobiology; Wound Healing

RECONSTITUTION

See Certificate of Analysis (COA) for lot specific reconstitution information.

REFERENCES

Van Damme J, Proost P, Lenaerts JP, Opdenakker G. 1992. J Exp Med. 176(1): 59-65. Proost P, Wuyts A, Van Damme J. 1996. J Leukoc Biol. 59(1): 67-74.

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