

TECHNICAL DATA SHEET

Recombinant Mouse CCL9/CCL10 (MIP-1gamma) (Carrier-free)

Catalog Number: 21-7013

RPx-Pro™ Recombinant Protein

PRODUCT INFORMATION

CONTENTS

Recombinant Mouse CCL9/CCL10 (MIP-1gamma) (Carrier-free)

DESCRIPTION

MIP1-gamma is a CC chemokine that is found in murine blood and other tissues. MIP1-gamma is a chemoattractant for neutrophils and exerts its effects through binding to the CCR1 receptor.

MOLECULAR MASS

Recombinant murine MIP-1gamma is an 11.6 kDa protein containing 101 amino acid residues.

AMINO ACID SEQUENCE

QITHATETKE VQSSLKAQQG LEIEMFHMGGF QDSSDCCLSY NSRIQCGRFI GYFPTSGGCT RGPFIISKR GFQVCANPSD RRVQRCIERL EQNSQPRTYK Q

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

BIOACTIVITY

Determined by its ability to chemoattract human neutrophils using a concentration range of 0.1-10.0 ng/ml.

RESEARCH AREAS

Cancer

RECONSTITUTION

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

REFERENCES

Hara T, Bacon KB, Cho LC, Yoshimura A, Morikawa Y, Copeland NG, Gilbert DJ, Jenkins NA, Schall TJ, Miyajima A. 1995. J Immunol. 155(11): 5352-5358.
 Zhao X, Sato A, Dela Cruz CS, Linehan M, Luegering A, Kucharzik T, Shirakawa AK, Marquez G, Farber JM, Williams I, Iwasaki A. 2003. J Immunol. 171(6): 2797-2803.

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