

TECHNICAL DATA SHEET

# Recombinant Mouse CCL21 (Exodus-2) (Carrier-free)

Catalog Number: 21-7019

## RPx-Pro™ Recombinant Protein

### PRODUCT INFORMATION

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Recombinant Mouse CCL21 (Exodus-2) (Carrier-free)

#### DESCRIPTION

CCL21 is a member of the CC family of chemokines that is expressed mainly in lymph nodes and is a chemoattractant for lymphocytes. CCL21 exerts its effects through binding to the CCR7 receptor.

#### MOLECULAR MASS

Recombinant murine Exodus-2 is a 12.0 kDa protein containing 110 amino acid residues.

#### AMINO ACID SEQUENCE

SDGGGQDCCL KYSQKKIPYS IVRGYRKQEP SLGCPIAIL FLPRKHSKPE LKANPEEGWV QNLMRRLDQP PAPGKQSPGC  
RKNRGTSKSG KKGKGSKGCK RTEQTQPSRG

#### 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 total murine T cell population using a concentration range of 10.0-100.0 ng/ml.

#### RESEARCH AREAS

AIDS/HIV; Chemotaxis; Immune System; Inflammation; Wound Healing

#### RECONSTITUTION

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

#### REFERENCES

Hedrick JA and Zlotnik A. 1997. J Immunol. 159(4): 1589-1593. Ziegler E, Oberbarnscheidt M, Bulfone-Paus S, Förster R, Kunzendorf U, Krautwald S. 2007. J Immunol. 179(10): 6485-6493.

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