

TECHNICAL DATA SHEET

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

Catalog Number: 21-8214

RPx-Pro™ Recombinant Protein

PRODUCT INFORMATION

CONTENTS

Recombinant Human 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 human Exodus-2 is a 12.2 kDa protein containing 111 amino acid residues.

AMINO ACID SEQUENCE

SDGGAQDCCL KYSQRKIPAK VVRSYRKQEP SLGCSIPAIL FLPRKRSQAE LCADPKELWV QQLMQHLDKT PSPQKPAQGC
RKDRGASKTG KKGKGSKGCR KTERSQTPKG P

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

Monkey, Mouse

BIOACTIVITY

Determined by its ability to chemoattract total lymphocyte 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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