

TECHNICAL DATA SHEET

Recombinant Mouse CCL28 (MEC) (Carrier-free)

Catalog Number: 21-7026

RPx-Pro™ Recombinant Protein

PRODUCT INFORMATION

CONTENTS

Recombinant Mouse CCL28 (MEC) (Carrier-free)

DESCRIPTION

CCL28 is a CC cytokine that regulates the chemotaxis of eosinophils that express CCR3 as well as CCR10 expressing T and B lymphocytes to mucosal sites. CCL28 is expressed by epithelial cells in the gut, lung, breast and salivary glands.

MOLECULAR MASS

Recombinant murine MEC is a 12.6 kDa protein containing 111 amino acid residues.

AMINO ACID SEQUENCE

SEAILPMAS CTEVSHHVS GRLLERVSSC SIQRADGDCD LAAVILHVKR RRICISPHNR TLKQWMRASE VKKNGRENV
SGKKQPSRKD RKGHTTRKHR TRGTHRHEAS R

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 murine lymphocytes using a concentration range of 1.0-10.0 ng/ml.

RESEARCH AREAS

Chemotaxis; Wound Healing

RECONSTITUTION

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

REFERENCES

Wang W, Soto H, Oldham ER, Buchanan ME, Homey B, Catron D, Jenkins N, Copeland NG, Gilbert DJ, Nguyen N, Abrams J, Kershenovich D, Smith K, McClanahan T, Vicari AP, Zlotnik A. 2000. J Biol Chem. 275(29): 22313-22323. Hieshima K1, Ohtani H, Shibano M, Izawa D, Nakayama T, Kawasaki Y, Shiba F, Shiota M, Katou F, Saito T, Yoshie O. 2003. J Immunol. 170(3): 1452-1461.

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