

TECHNICAL DATA SHEET

Recombinant Human CCL24 (Eotaxin-2) (Carrier-free)

Catalog Number: 21-7023

RPx-Pro™ Recombinant Protein

PRODUCT INFORMATION

CONTENTS

Recombinant Human CCL24 (Eotaxin-2) (Carrier-free)

DESCRIPTION

CCL24 is a member of the CC family of chemokines that has chemotactic activity for eosinophils, basophils, mast cells and Th2 T cells. CCL24 exerts its effects through binding to the CCR3 receptor.

MOLECULAR MASS

Recombinant human Eotaxin-2 is an 8.8 kDa protein containing 78 amino acid residues.

AMINO ACID SEQUENCE

VVIPSCCMF FVSKRIPENR VVSYQLSSRS TCLKGGVIFT TKKGQQFCGD PKQEWVQRYM KNLDAKQKKA SPRARAVA

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

Mouse, Bacteria

BIOACTIVITY

Determined by its ability to chemoattract using human peripheral blood eosinophils using a concentration of 50.0-100.0 ng/ml.

RESEARCH AREAS

Chemotaxis; Immune System; Wound Healing

RECONSTITUTION

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

REFERENCES

Patel VP, Kreider BL, Li Y, Li H, Leung K, Salcedo T, Nardelli B, Pippalla V, Gentz S, Thotakura R, Parmelee D, Gentz R, Garotta G. 1997. J Exp Med. 185 (7): 1163-1172. Watanabe K, Jose PJ, Rankin SM. 2002. J Immunol. 168(4): 1911-1918.

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