

TECHNICAL DATA SHEET

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

Catalog Number: 21-7022

RPx-Pro™ Recombinant Protein

PRODUCT INFORMATION

CONTENTS

Recombinant Mouse 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 murine Eotaxin-2 is an 10.3 kDa protein containing 93 amino acid residues.

AMINO ACID SEQUENCE

VTIPSSCCTS FISKKIPENR VVSYQLANGS ICPKAGVIFI TTKGKHICTD PKLLWVQRHI QKLDKKNQP SKGAKAVRTK FAVQRRRGNS
TEV

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 10-100 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.

Citations are provided as a resource for additional applications that have not been validated by Tonbo Biosciences. Please choose the appropriate format for each application and consult Materials and Methods sections for additional details about the use of any product in these publications.

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