

TECHNICAL DATA SHEET

Recombinant Human CCL17 (TARC) (Carrier-free)

Catalog Number: 21-8177

RPx-Pro™ Recombinant Protein

PRODUCT INFORMATION

CONTENTS

Recombinant Human CCL17 (TARC) (Carrier-free)

DESCRIPTION

TARC, or CCL17, is a CC chemokine family member. TARC is predominantly expressed in the thymus and is also produced by dendritic cells and macrophages as well as tumor T cell and B cell lines. TARC signals through the CCR4 receptor. TARC is a potently chemotactic towards T cells and involved in T cell migration to inflammatory or infected loci as in skin diseases.

MOLECULAR MASS

Recombinant Human TARC is an 8.0 kDa protein containing 71 amino acid residues.

AMINO ACID SEQUENCE

ARGTNVGREC CLEYFKGAIP LRKLKTWYQT SEDCSRDAIV FVTVQGRAIC SDPNNKRVKN AVKYLQSLER S

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

BIOACTIVITY

Assessed by chemoattraction assays with human T cells using a concentration range of 1.0-10.0 ng/ml.

RESEARCH AREAS

Chemotaxis; Immune System; Wound Healing

RECONSTITUTION

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

REFERENCES

Imai T, M Baba, M Nishimura, M Kakizaki, S Takagi and O Yoshie 1997 J Biol Chem 272: 15036–15042.

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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