

TECHNICAL DATA SHEET

Recombinant Mouse TARC (CCL17) (Carrier-free)

Catalog Number: 21-9222

RPx-Pro™ Recombinant Protein PRODUCT INFORMATION

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Recombinant Mouse TARC (CCL17) (Carrier-free)

DESCRIPTION

TARC, also known as CCL17, is a CC chemokine that is predominantly expressed by thymic dendritic cells. TARC signals through the CCR4 receptor and is chemotactic towards T cells. It plays a role in several allergic diseases such as allergic asthma, allergic contact dermatitis, and atopic dermatitis. Recombinant Mouse TARC (CCL17) is a 7.9 kDa protein containing 70 amino acid residues, including the four conserved cysteine residues present in CC chemokines.

MOLECULAR MASS

7.9 kDa

AMINO ACID SEQUENCE

ARATNVGREC CLDYFKGAIP IRKLVSWYKT SVECSRDAIV FLTVQGKLIC ADPKDKHVKK AIRLVKNPRP

SOURCE

E. coli

APPLICATIONS

Bioassay

PURITY

98 %

STORAGE

-20°C

PROTEIN CONTENT

Content Verified by UV Spectroscopy and/or SDS-PAGE gel.

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

N/A

BIOACTIVITY

Determined by its ability to chemoattract murine BW5147.3 thymic lymphoma cells. The ED50 for this effect is 10-40 ng/ml.

RESEARCH AREAS

Chemotaxis, Immune System, Wound Healing

RECONSTITUTION

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

REFERENCES

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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