

TECHNICAL DATA SHEET

Recombinant Mouse IL-17D (Carrier-free)

Catalog Number: 21-9220

RPx-Pro™ Recombinant Protein
PRODUCT INFORMATION

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Recombinant Mouse IL-17D (Carrier-free)

DESCRIPTION

IL-17D belongs to the Interleukin-17 (IL-17) family of immunoregulatory cytokine proteins that share a conserved cysteine-rich region at the C-terminus. IL-17D can stimulate the production of IL-6, IL-8, and GM-CSF. Additionally, IL-17D inhibits hemopoiesis of myeloid progenitor cells in colony-forming assays. Recombinant Mouse IL-17D is a 20.2 kDa protein consisting of 184 amino acid residues.

MOLECULAR MASS

20.2 kDa

AMINO ACID SEQUENCE

MAGALRTGRR PARPRDCADR PEELLEQLYG RLAAGVLSAF HHTLQLGPRE QARNASCPAG GRAADRRFRP PTNLRVSPW AYRISYDPA
FPRYLPEAYC LCRGCLTGLY GEEDFRFRST PVFSPAVVLR RTAACAGGRS VYAEHYITIP VGCTCVPEPD KSADSANSSM DKLLLGADR PAGR

SOURCE

E. coli

APPLICATIONS

Bioassay

PURITY

95 %

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 bind murine IL-17RB Fc Chimera in a functional ELISA.

RESEARCH AREAS

Bone/Skeletal/Cartilage, COVID-19, Immune System

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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