

TECHNICAL DATA SHEET

Recombinant Mouse IL-17E (Carrier-free)

Catalog Number: 21-9219

RPx-Pro™ Recombinant Protein
PRODUCT INFORMATION

CONTENTS

Recombinant Mouse IL-17E (Carrier-free)

DESCRIPTION

IL-17E belongs to the Interleukin-17 (IL-17) family of immunoregulatory cytokine proteins that share a conserved cysteine-rich region at the C-terminus. IL-17E is also known as IL-25 and promotes Th2-biased immune responses in contrast to other IL-17 family members that promote Th1- and Th17-biased inflammation. IL-17E is protective against intestinal parasites and also mediates allergic reactions. Recombinant Mouse IL-17E is a 35.0 kDa disulfide-linked homodimer consisting of two 152-amino-acid polypeptide chains.

MOLECULAR MASS

35.0 kDa

AMINO ACID SEQUENCE

MLRIQEGCSH LPSCCPSKEQ EPPEEWLKWS SASVSPPEPL SHTHHAESCR ASKDGPLNSR AISPWSYELD RDLNRVPQDL YHARCLCPHC VSLQTGSHMD PLGNSVPLYH NQTVFYRRPC HGEETHRRY CLERRLYRVS LACVCVRPRV MA

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

Measured by its ability to induce GRO α (CXCL1) secretion in HT-29 human colon adenocarcinoma cells.

RESEARCH AREAS

Cancer, Immune System, Inflammation

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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