

TECHNICAL DATA SHEET

Recombinant Mouse IL-36RA (Carrier-free)

Catalog Number: 21-9227

RPx-Pro™ Recombinant Protein
PRODUCT INFORMATION

CONTENTS

Recombinant Mouse IL-36RA (Carrier-free)

DESCRIPTION

IL-36 Receptor Antagonist (IL-36RA, also known as IL-1F5) belongs to the IL-1 family of cytokines. IL-36 RA is involved in innate immunity and anti-inflammatory responses. IL-36Ra attenuates IL-36 cytokine-induced pro-inflammatory cytokine production by bone marrow derived dendritic cells and antagonizes IL-36 cytokine-induced IFN-γ, IL-4, and IL-17 production in CD4+ T cells. Recombinant Mouse IL-36RA is an E.coli-derived 16.9 kDa protein containing 154 amino acid residues.

MOLECULAR MASS

16.9 kDa

AMINO ACID SEQUENCE

VLSGALCFRM KDSALKVLYL HNNQLLAGGL HAEKVIK GEE ISVVPNRALD ASLSPVILGV QGGSQCLSCG TEKGPILKLE PVNIMELYLG AKESKSFTFY RRDMLGTTSSF ESAAYPGWFL CTSPEADQPV RLTQIPEDPA WDAPITDFYF QQCD

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 inhibit secretion of IL-8 by A431 cells in the presence of human IL-36γ.

RESEARCH AREAS

Cancer, Diabetes/Weight Regulation, Immune System, Inflammation, Neurobiology, 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.

For Research Use Only.

Not for use in diagnostic or therapeutic procedures. Not for resale. Not for distribution without written consent. Tonbo Biosciences will not be held responsible for patent infringement or other violations that may occur with the use of our products. Tonbo Biosciences, Tonbo Biosciences Logo and all other trademarks are the property of Tonbo Biotechnologies Corporation. © 2013 Tonbo Biosciences.