

TECHNICAL DATA SHEET

Recombinant Human IL-36 α (IL-1F6) (Carrier-free)

Catalog Number: 21-9226

RPx-Pro™ Recombinant Protein
PRODUCT INFORMATION

CONTENTS

Recombinant Human IL-36 α (IL-1F6) (Carrier-free)

DESCRIPTION

Human interleukin α 36 alpha, previously known as IL-1F6, is a member of the IL-1 family of proteins. Cells reported to express IL α 36 alpha include monocytes, B cells, and T cells. IL α 36 alpha is the only IL α 1 family member found to be expressed on T cells and is implicated in skin homeostasis. It is reported to be highly expressed in psoriatic plaques. Recombinant Human IL-36 α is a 17.2 kDa protein containing 154 amino acid residues.

MOLECULAR MASS

17.2 kDa

AMINO ACID SEQUENCE

MKIDTPQQGS IQDINHRVWV LQDQTLIAVP RKDRMSPVTI ALISCRHVET LEKDRGNPIY LGLNGLNLCL MCAKVG DQPT LQLKEKDIMD LYNQPEPVKS
 FLFYHSQSGR NSTFESVAFP GWFIASVSEG GCPLILTQEL GKANTTDFGL TMLF

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/ μ g of protein (<1 EU/ μ g).

AUTHENTICITY

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

CROSS REACTIVITY

N/A

BIOACTIVITY

Measured by its ability to induce IL-8 secretion by A431 human epidermoid carcinoma cells.

RESEARCH AREAS

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

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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