

TECHNICAL DATA SHEET

Recombinant Human Uteroglobin (Carrier-Free)

Catalog Number: 21-9119

RPx-Pro™ Recombinant Protein

PRODUCT INFORMATION

CONTENTS

Recombinant Human Uteroglobin (Carrier-Free)

DESCRIPTION

Uteroglobin, which is a member of the Secretoglobin superfamily and is also known as Clara cell phospholipid-binding protein, is a multifunctional protein that can exert anti-inflammatory and anti-tumorigenic effects by binding small hydrophobic molecules such as phospholipids and prostaglandins.

MOLECULAR MASS

Recombinant Human Uteroglobin is a 16.1 kDa homodimeric protein consisting of 142 amino acid residues.

AMINO ACID SEQUENCE

MEICPSFQRV IETLLMDTPS SYEAAMELFS PDQDMREAGA QLKKLVDTLQ QKPRESIIKL MEKIAQSSLC N

SOURCE

HEK293 cells

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 (<1EU/µg).

AUTHENTICITY

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

CROSS REACTIVITY

Human

BIOACTIVITY

Data not available at this time.

RESEARCH AREAS

Inflammation, Stem Cells & Differentiation, Cancer, Chemotaxis

RECONSTITUTION

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

REFERENCES

Junk, D.J. Oncostatin M promotes cancer cell plasticity through cooperative STAT3-SMAD3 signaling. 2017. Oncogene. Liu, Y. A Sensitized IGF1 Treatment Restores Corticospinal Axon-Dependent Functions. 2017. Neuron.

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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