10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Recombinant Human CTGFL/WISP-2
Catalog # PBG10062

Specification

Recombinant Human CTGFL/WISP-2 - Product Information

Recombinant Human CTGFL/WISP-2 - Additional Information

Description
CTGFL/WISP-2 is a 28.6 kDa protein that belongs to the CCN family of cysteine rich regulatory proteins. Members of this family stimulate mitosis, adhesion, apoptosis, extracellular matrix production, growth arrest, and migration of multiple cell types. The protein is expressed in primary osteoblasts, fibroblasts, ovary, testes, and heart. In addition to promoting adhesion of osteoblasts, CTGFL/WISP-2 inhibits osteocalcin production, as well as binding of fibrinogen to integrin receptors. Recombinant human CTGFL/WISP-2 is a 24.3 kDa protein of 228 amino acid residues.

BiologicalActivity
The ED₅₀ was determined by its ability to inhibit IGF-II induced proliferation of MCF-7 is between 10-20 ng/ml in the presence of 15 ng/ml of human IGF-II.

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

Endotoxin
Endotoxin level is <0.1 ng/ µg of protein (<1EU/ µg).

Protein Content
Verified by UV Spectroscopy and/or SDS-PAGE gel.

Storage
-20°C

Precautions
Recombinant Human CTGFL/WISP-2 is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Human CTGFL/WISP-2 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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