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CTGFL/WISP-2, Human recombinant protein
Connective Tissue Growth Factor-Like protein, CCN5, CT-58
Catalog # PBV10764r

Specification

CTGFL/WISP-2, Human recombinant protein - Product info

Primary Accession	O76076
Calculated MW	**24.3 kDa KDa**

CTGFL/WISP-2, Human recombinant protein - Additional Info

Gene ID	**8839**
Gene Symbol	**CTGFL**

Other Names
Connective Tissue Growth Factor-Like protein, CCN5, CT-58

Gene Source	**Human**
Source	**E.coli**
Assay&Purity	**SDS-PAGE; ≥95%**
Assay2&Purity2	**HPLC;**
Recombinant	**Yes**
Sequence	**MQLCPTPCTC PWPPPRCPLG VPLVLDGCGC CRVCARRLGE PCDQLHVCDA SQGLVCQPGA GPGGRGALCL LAEDDSSCEV NGRLYREGET FQPHCSIRCR CEDGGFTCVP LCSEDVRLPS WDCPHPRRVE VLGKCCPEWV CGQGGGLGTQ PLPAQGPQFS GLVSSLPPGV PCPEWSTAWG PCSTTCGLGM ATRVSNQNRF CRLETQRRLC LSRPCPPSRG RSPQNSAF**

Target/Specificity
CTGFL/WISP-2

Application Notes
Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not raise to neutral pH. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

Format
Lyophilized powder

Storage
-20°C; Sterile filtered through a 0.2 micron filter. Lyophilized with no additives.

CTGFL/WISP-2, Human recombinant protein - 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

CTGFL/WISP-2, Human recombinant protein - Images

CTGFL/WISP-2, Human recombinant protein - Background

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.

CTGFL/WISP-2, Human recombinant protein - References

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Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
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