

Datasheet for ABIN935289 **WISP2 Protein**



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Overview

Quantity:	20 µg
Target:	WISP2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Sequence:	MQLCPTPCTC PWPPPRCPLG VPLVLDGCGC CRVCARRLGE PCDQLHVCDA SQGLVCQPGA GPGGRGALCL LAEDDSSCEV NGRLYREGET FQPHCSIRCR CEDGGFTCVPLCSEDVRLPS WDCPHPRRVE VLGKCCPEWV CGQGGGLGTQ PLPAQGPQFS GLVSSLPPGV PCPEWSTAWG PCSTTCGLGM ATRVSNQNRFCRLETQRRLC LSRPCPPSRG RSPQNSAF
Characteristics:	Purified recombinant Human CTGFL protein Expression System: E.coli Bioactivity: 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.
Purity:	> 95 % pure
Endotoxin Level:	< 0.1 ng per µg (1 EU/µg).

Target Details

Target:	WISP2
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Target Details

Alternative Name:	CTGFL (WISP2 Products)
Background:	<p>CTGFL/WISP-2 is a 24.3 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.</p> <p>Alternative Names: WISP2 protein, CCN5 protein, CT-58 protein, Connective Tissue Growth Factor-Like protein</p>
Molecular Weight:	24.3 kDa
Pathways:	WNT Signaling , Growth Factor Binding

Application Details

Application Notes:	Each Investigator should determine their own optimal working dilution for specific applications.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in water to a concentration of 0.1- 1.0 mg/mL. Do not raise to neutral pH.
Buffer:	Supplied lyophilized with no additives.
Preservative:	Without preservative
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C until reconstitution. Following reconstitution aliquot and freeze at -20 °C for long term storage.