

Recombinant Human VCAN cell lysate

Cat. No. VCAN-413HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	This gene is a member of the aggrecan/versican proteoglycan family. The protein encoded is a large chondroitin sulfate proteoglycan and is a major component of the extracellular matrix. This protein is involved in cell adhesion, proliferation, proliferation, migration and angiogenesis and plays a central role in tissue morphogenesis and maintenance. Mutations in this gene are the cause of Wagner syndrome type 1. Multiple transcript variants encoding different isoforms have been found for this gene.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	VCAN versican [Homo sapiens]
Official Symbol	VCAN
Synonyms	VCAN; versican; chondroitin sulfate proteoglycan 2 , CSPG2; versican core protein;

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	PG M; versican proteoglycan; large fibroblast proteoglycan; glial hyaluronate-binding protein; chondroitin sulfate proteoglycan 2; chondroitin sulfate proteoglycan core protein 2; WGN; ERVR; GHAP; PG-M; WGN1; CSPG2; DKFZp686K06110;
Gene ID	1462
mRNA Refseq	NM_001126336
Protein Refseq	NP_001119808
MIM	118661
UniProt ID	P13611
Chromosome Location	5q12-q14
Pathway	Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Direct p53 effectors, organism-specific biosystem; Regulation of Wnt-mediated beta catenin signaling and target gene transcription, organism-specific biosystem;
Function	binding; calcium ion binding; glycosaminoglycan binding; hyaluronic acid binding; sugar binding;