

Recombinant Human VCAN Protein, His-tagged

Cat. No. VCAN-552H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VCAN Protein (Asp3127-Asn3354) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asp3127-Asn3354
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.3 kDa Accurate Molecular Mass: 32 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.
GENE INFORMATION	
Gene Name	VCAN versican [Homo sapiens (human)]
Official Symbol	VCAN
Synonyms	VCAN; versican; chondroitin sulfate proteoglycan 2, CSPG2; versican core protein; 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

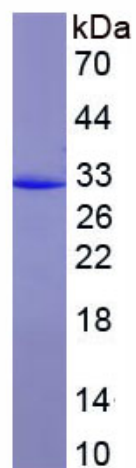
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