

Product datasheet for **TP762337**

Versican (VCAN) (NM_004385) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human versican (VCAN), transcript variant 1, Leu21-Lys347, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Leu21-Lys347) of VCAN
Tag:	N-His
Predicted MW:	36.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_004376
Locus ID:	1462
UniProt ID:	P13611 , A0A024RAQ9 , Q59FG9
RefSeq Size:	11185
Cytogenetics:	5q14.2-q14.3
RefSeq ORF:	10188
Synonyms:	CSPG2; ERVR; GHAP; PG-M; WGN; WGN1



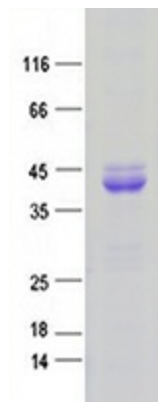
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Summary:

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, 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. [provided by RefSeq, Aug 2009]

Protein Pathways:

Cell adhesion molecules (CAMs)

Product images:

Purified recombinant protein VCAN was analyzed by SDS-PAGE gel and Coomassie Blue Staining.