Product datasheet for RC228691L4V

Versican (VCAN) (NM_001164098) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Versican (VCAN) (NM_001164098) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Versican
Synonyms:	CSPG2; ERVR; GHAP; PG-M; WGN; WGN1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001164098
ORF Size:	4926 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC228691).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_001164098.1, NP_001157570.1
RefSeq ORF:	4929 bp
Locus ID:	1462
UniProt ID:	P13611
Cytogenetics:	5q14.2-q14.3
Protein Pathways:	Cell adhesion molecules (CAMs)
MW:	182.06 kDa

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Gene 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, 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]