

## Product datasheet for **RC218462L1V**

### NG2 (CSPG4) (NM\_001897) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	NG2 (CSPG4) (NM_001897) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CSPG4
Synonyms:	CSPG4A; HMW-MAA; MCSP; MCSPG; MEL-CSPG; MSK16; NG2
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_001897
ORF Size:	6966 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218462).
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. <a href="#">More info</a>
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:	<a href="#">NM_001897.3</a>
RefSeq Size:	7896 bp
RefSeq ORF:	6969 bp
Locus ID:	1464
UniProt ID:	<a href="#">Q6UVK1</a>
Cytogenetics:	15q24.2
Protein Families:	Transmembrane
MW:	250.4 kDa


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**Gene Summary:**

A human melanoma-associated chondroitin sulfate proteoglycan plays a role in stabilizing cell-substratum interactions during early events of melanoma cell spreading on endothelial basement membranes. CSPG4 represents an integral membrane chondroitin sulfate proteoglycan expressed by human malignant melanoma cells. [provided by RefSeq, Jul 2008]