

## Product datasheet for **RC223225L2V**

### Thrombospondin 2 (THBS2) (NM\_003247) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Thrombospondin 2 (THBS2) (NM_003247) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Thrombospondin 2
Synonyms:	TSP2
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_003247
ORF Size:	3516 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223225).
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_003247.2</a>
RefSeq Size:	5826 bp
RefSeq ORF:	3519 bp
Locus ID:	7058
UniProt ID:	<a href="#">P35442</a>
Cytogenetics:	6q27
Domains:	tsp_1, VWC, EGF_CA, TSPN, tsp_3, EGF, EGF
Protein Families:	Druggable Genome



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**Protein Pathways:** ECM-receptor interaction, Focal adhesion, TGF-beta signaling pathway

**MW:** 129.99 kDa

**Gene Summary:** The protein encoded by this gene belongs to the thrombospondin family. It is a disulfide-linked homotrimeric glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. This protein has been shown to function as a potent inhibitor of tumor growth and angiogenesis. Studies of the mouse counterpart suggest that this protein may modulate the cell surface properties of mesenchymal cells and be involved in cell adhesion and migration. [provided by RefSeq, Jul 2008]