

Product datasheet for **RC214802L3V**

Thrombospondin 1 (THBS1) (NM_003246) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Thrombospondin 1 (THBS1) (NM_003246) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Thrombospondin 1
Synonyms:	THBS; THBS-1; TSP; TSP-1; TSP1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_003246
ORF Size:	3510 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214802).
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_003246.2
RefSeq Size:	5820 bp
RefSeq ORF:	3513 bp
Locus ID:	7057
UniProt ID:	P07996
Cytogenetics:	15q14
Domains:	tsp_1, VWC, EGF_CA, TSPN, tsp_3, EGF, EGF
Protein Families:	Druggable Genome



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Protein Pathways: Bladder cancer, ECM-receptor interaction, Focal adhesion, p53 signaling pathway, TGF-beta signaling pathway

MW: 129.38 kDa

Gene Summary: The protein encoded by this gene is a subunit of a disulfide-linked homotrimeric protein. This protein is an adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. This protein can bind to fibrinogen, fibronectin, laminin, type V collagen and integrins alpha-V/beta-1. This protein has been shown to play roles in platelet aggregation, angiogenesis, and tumorigenesis. [provided by RefSeq, Jul 2008]