

## Product datasheet for **RC216595L2V**

### TGF beta Receptor III (TGFB3) (NM\_003243) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	TGF beta Receptor III (TGFB3) (NM_003243) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TGF beta Receptor III
Synonyms:	betaglycan; BGCAN
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_003243
ORF Size:	2553 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216595).
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_003243.2</a>
RefSeq Size:	4199 bp
RefSeq ORF:	2556 bp
Locus ID:	7049
UniProt ID:	<a href="#">Q03167</a>
Cytogenetics:	1p22.1
Domains:	zona_pellucida
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane



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**MW:** 93.3 kDa

**Gene Summary:** This locus encodes the transforming growth factor (TGF)-beta type III receptor. The encoded receptor is a membrane proteoglycan that often functions as a co-receptor with other TGF-beta receptor superfamily members. Ectodomain shedding produces soluble TGFB3, which may inhibit TGFB signaling. Decreased expression of this receptor has been observed in various cancers. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene.[provided by RefSeq, Sep 2010]