

Product datasheet for **RC229075L3V**

LTBP1 (NM_001166264) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	LTBP1 (NM_001166264) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LTBP1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001166264
ORF Size:	4059 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC229075).
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_001166264.1 , NP_001159736.1
RefSeq ORF:	4062 bp
Locus ID:	4052
UniProt ID:	Q14766
Cytogenetics:	2p22.3
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	TGF-beta signaling pathway
MW:	148.46 kDa



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Gene Summary:

The protein encoded by this gene belongs to the family of latent TGF-beta binding proteins (LTBPs). The secretion and activation of TGF-betas is regulated by their association with latency-associated proteins and with latent TGF-beta binding proteins. The product of this gene targets latent complexes of transforming growth factor beta to the extracellular matrix, where the latent cytokine is subsequently activated by several different mechanisms. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]