

Product datasheet for **RC224230L3V**

LTBP4 (NM_001042544) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	LTBP4 (NM_001042544) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LTBP4
Synonyms:	ARCL1C; LTBP-4; LTBP4L; LTBP4S
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001042544
ORF Size:	4872 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224230).
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_001042544.1 , NP_001036009.1
RefSeq Size:	5163 bp
RefSeq ORF:	4875 bp
Locus ID:	8425
UniProt ID:	Q8N2S1
Cytogenetics:	19q13.2
Protein Families:	Druggable Genome
MW:	173.3 kDa


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Gene Summary:

The protein encoded by this gene binds transforming growth factor beta (TGFB) as it is secreted and targeted to the extracellular matrix. TGFB is biologically latent after secretion and insertion into the extracellular matrix, and sheds TGFB and other proteins upon activation. Defects in this gene may be a cause of cutis laxa and severe pulmonary, gastrointestinal, and urinary abnormalities. Three transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, May 2010]