

Product datasheet for **RC226997L4V**

ZBTB42 (NM_001137601) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	ZBTB42
Synonyms:	LCCS6; ZNF925
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001137601
ORF Size:	1266 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC226997).

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_001137601.1
RefSeq Size:	3651 bp
RefSeq ORF:	1269 bp
Locus ID:	100128927
UniProt ID:	B2RXF5
Cytogenetics:	14q32.33



MW: 46.5 kDa

Gene Summary: The protein encoded by this gene is a member of the C2H2 zinc finger protein family. This protein is predicted to have a pox virus and zinc finger (POZ) domain at the N-terminus and four zinc finger domains at the C-terminus. In human and mouse, the protein localizes to the nuclei of skeletal muscle cells. Knockdown of this gene in zebrafish results in abnormal skeletal muscle development and myofibrillar disorganization. A novel homozygous variant of the human gene has been associated with lethal congenital contracture syndrome, an autosomal recessive disorder that results in muscle wasting. [provided by RefSeq, Mar 2015]