

## Product datasheet for **RC222017L4V**

### Thymosin beta 4 (TMSB4X) (NM\_021109) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Thymosin beta 4 (TMSB4X) (NM_021109) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Thymosin beta 4
Synonyms:	FX; PTMB4; TB4X; TMSB4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021109
ORF Size:	132 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222017).
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_021109.2</a>
RefSeq Size:	657 bp
RefSeq ORF:	135 bp
Locus ID:	7114
UniProt ID:	<a href="#">P62328</a>
Cytogenetics:	Xp22.2
Protein Pathways:	Regulation of actin cytoskeleton
MW:	5.1 kDa



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**Gene Summary:**

This gene encodes an actin sequestering protein which plays a role in regulation of actin polymerization. The protein is also involved in cell proliferation, migration, and differentiation. This gene escapes X inactivation and has a homolog on chromosome Y. [provided by RefSeq, Jul 2008]