

Product datasheet for **RR211844L4V**

Tusc5 (NM_001039163) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tusc5 (NM_001039163) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Tusc5
Synonyms:	DSPB1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001039163
ORF Size:	519 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR211844).
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_001039163.1 , NP_001034252.1
RefSeq Size:	3410 bp
RefSeq ORF:	522 bp
Locus ID:	360576
UniProt ID:	Q2MHH0
Cytogenetics:	10q24


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Gene Summary:

Regulates insulin-mediated adipose tissue glucose uptake and transport by modulation of SLC2A4 recycling. Not required for SLC2A4 membrane fusion upon an initial stimulus, but rather is necessary for proper protein recycling during prolonged insulin stimulation.
[UniProtKB/Swiss-Prot Function]