

## Product datasheet for **RC206198L4V**

### VSTM2A (NM\_182546) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	VSTM2A (NM_182546) Human Tagged ORF Clone Lentiviral Particle
Symbol:	VSTM2A
Synonyms:	VSTM2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_182546
ORF Size:	729 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206198).
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_182546.1</a> , <a href="#">NP_872352.1</a>
RefSeq Size:	3122 bp
RefSeq ORF:	711 bp
Locus ID:	222008
UniProt ID:	<a href="#">Q8TAG5</a>
Cytogenetics:	7p11.2
Protein Families:	Secreted Protein, Transmembrane
MW:	27 kDa



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**Gene Summary:**

Plays a role in the regulation of the early stage of white and brown preadipocyte cell differentiation. Promotes adipogenic commitment of preadipocytes by increasing gene expression of the transcription factor PPARG in a BMP4-dependent signaling pathway. [UniProtKB/Swiss-Prot Function]