

## Product datasheet for **RC217508L1V**

### **TAPA1 (CD81) (NM\_004356) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	TAPA1 (CD81) (NM_004356) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TAPA1
Synonyms:	CVID6; S5.7; TAPA1; TSPAN28
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_004356
ORF Size:	708 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217508).
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_004356.3</a>
RefSeq Size:	1497 bp
RefSeq ORF:	711 bp
Locus ID:	975
UniProt ID:	<a href="#">P60033</a>
Cytogenetics:	11p15.5
Domains:	transmembrane4
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane



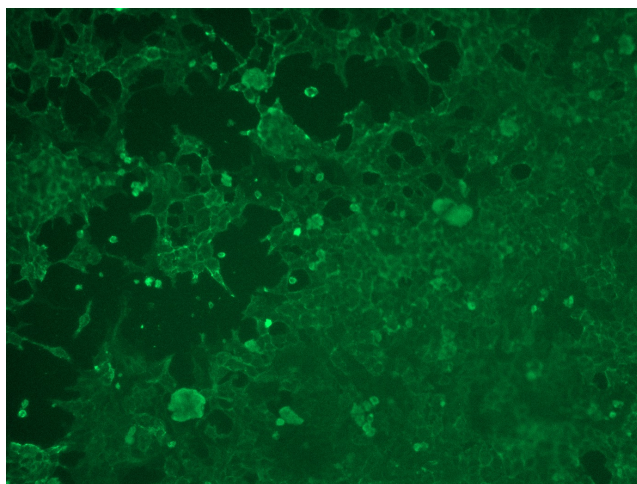
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**Protein Pathways:** B cell receptor signaling pathway

**MW:** 25.6 kDa

**Gene Summary:** The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins. This protein appears to promote muscle cell fusion and support myotube maintenance. Also it may be involved in signal transduction. This gene is localized in the tumor-suppressor gene region and thus it is a candidate gene for malignancies. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2014]

### Product images:



[RC217508L1] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC217508L1V particle to overexpress human CD81-Myc-DDK fusion protein.