

Product datasheet for **MR224446L4V**

Itga7 (NM_008398) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Itga7 (NM_008398) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Itga7
Synonyms:	al; alpha7; [a]; [a]7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008398
ORF Size:	3408 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224446).
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_008398.2 , NP_032424.2
RefSeq Size:	4035 bp
RefSeq ORF:	3411 bp
Locus ID:	16404
Cytogenetics:	10 77.2 cM



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Gene Summary:

This gene encodes a member of the integrin family of cell surface proteins that mediate cellular interactions with the extracellular matrix and other cells. The encoded transmembrane protein is the alpha subunit that forms a noncovalent heterodimer with the beta subunit to form the functional integrin receptor that binds to laminin. Mice lacking the encoded protein exhibit symptoms of progressive muscular dystrophy, impaired axonal regeneration and cerebral vascular defects. [provided by RefSeq, Aug 2016]