

## Product datasheet for **MR223098L4V**

### **Itga8 (NM\_001001309) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Itga8 (NM_001001309) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Itga8
Synonyms:	AI447669
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001001309
ORF Size:	3186 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223098).
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_001001309.2</a>
RefSeq Size:	5782 bp
RefSeq ORF:	3189 bp
Locus ID:	241226
UniProt ID:	<a href="#">A2ARA8</a>
Cytogenetics:	2 9.12 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 protein undergoes proteolytic processing to generate the disulfide-linked heterodimeric alpha subunit which, in turn associates with a beta subunit to form the functional integrin receptor. Mice lacking the encoded protein mostly die after birth due to kidney defects, but some of animals that survive exhibit defects in the sensory hair cells of the inner ear. [provided by RefSeq, Aug 2016]