

## Product datasheet for **RC212029L4V**

### AMELY (NM\_001143) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	AMELY (NM_001143) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AMELY
Synonyms:	AMGL; AMGY
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001143
ORF Size:	576 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212029).
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_001143.1</a> , <a href="#">NP_001134.1</a>
RefSeq Size:	802 bp
RefSeq ORF:	579 bp
Locus ID:	266
UniProt ID:	<a href="#">Q99218</a>
Cytogenetics:	Yp11.2
Protein Families:	Secreted Protein
MW:	21.73 kDa



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**Gene Summary:**

This gene encodes a member of the amelogenin family of extracellular matrix proteins. Amelogenins are involved in biomineralization during tooth enamel development. Mutations in a related gene on chromosome X cause X-linked amelogenesis imperfecta. [provided by RefSeq, Jul 2008]