

## Product datasheet for **RC215089L3V**

### ENAM (NM\_031889) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ENAM (NM_031889) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ENAM
Synonyms:	ADAI; AI1C; AIH2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_031889
ORF Size:	3426 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215089).
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_031889.2</a>
RefSeq Size:	5674 bp
RefSeq ORF:	3429 bp
Locus ID:	10117
UniProt ID:	<a href="#">Q9NRM1</a>
Cytogenetics:	4q13.3
Protein Families:	Secreted Protein
MW:	128.8 kDa



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**Gene Summary:**

Dental enamel forms the outer cap of teeth and is the hardest substance found in vertebrates. This gene encodes the largest protein in the enamel matrix of developing teeth. The protein is involved in the mineralization and structural organization of enamel. Defects in this gene result in amelogenesis imperfect type 1C.[provided by RefSeq, Oct 2009]