

Product datasheet for **MR202481L4V**

Amelx (NM_001081978) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Amelx (NM_001081978) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Amelx
Synonyms:	ALGN; Amel; Amg; AMGL; AMGX; LRAP; Rgsc888
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001081978
ORF Size:	657 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR202481).
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_001081978.1
RefSeq Size:	811 bp
RefSeq ORF:	660 bp
Locus ID:	11704
UniProt ID:	P63277
Cytogenetics:	X 78.95 cM



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Gene Summary:

Plays a role in the biomineralization of teeth. Seems to regulate the formation of crystallites during the secretory stage of tooth enamel development. Thought to play a major role in the structural organization and mineralization of developing enamel.[UniProtKB/Swiss-Prot Function]