Product datasheet for MR221812L4V

Amy2b (NM_001190403) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Amy2b (NM_001190403) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Amy2b
Synonyms:	Amy-X; Amy2-2; mAmy2-1; OTTMUSG00000022462
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001190403
ORF Size:	1359 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR221812).
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_001190403.1, NP_001177332.1
RefSeq Size:	1413 bp
RefSeq ORF:	1362 bp
Locus ID:	545562
Cytogenetics:	3 49.35 cM

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Gene Summary: Amylases are secreted proteins that hydrolyze 1,4-alpha-glucoside bonds in oligosaccharides and polysaccharides, and thus catalyze the first step in digestion of dietary starch and glycogen. The mouse genome has a cluster of several amylase genes that are expressed at high levels in either salivary gland or pancreas. This gene encodes an amylase isoenzyme produced by the pancreas. At least one mouse strain has a non-functional allele of this gene. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2011]