

## Product datasheet for **RC215827L4V**

### Salivary alpha amylase (AMY1C) (NM\_001008219) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Salivary alpha amylase (AMY1C) (NM_001008219) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | Salivary alpha amylase   |
| Synonyms:                 | AMY1   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_001008219   |
| ORF Size:                 | 1533 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC215827).   |
| 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_001008219.1</a>   |
| RefSeq Size:              | 1860 bp  |
| RefSeq ORF:               | 1536 bp  |
| Locus ID:                 | 278  |
| UniProt ID:               | <a href="#">P04745</a>   |
| Cytogenetics:             | 1p21.1   |
| Protein Pathways:         | Metabolic pathways, Starch and sucrose metabolism  |



[View online »](#)

**MW:** 57.8 kDa

**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 human 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 salivary gland. [provided by RefSeq, Jul 2008]