

Product datasheet for **RC202805L4V**

Pancreatic alpha amylase (AMY2A) (NM_000699) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Pancreatic alpha amylase (AMY2A) (NM_000699) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Pancreatic alpha amylase
Synonyms:	AMY2; PA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000699
ORF Size:	1533 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202805).
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_000699.2
RefSeq Size:	1660 bp
RefSeq ORF:	1536 bp
Locus ID:	279
UniProt ID:	P04746
Cytogenetics:	1p21.1
Domains:	alpha-amylase, Aamy_C, Aamy



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Protein Families:	Secreted Protein
Protein Pathways:	Metabolic pathways, Starch and sucrose metabolism
MW:	57.7 kDa
Gene Summary:	This gene encodes a member of the alpha-amylase family of proteins. Amylases are secreted proteins that hydrolyze 1,4-alpha-glucoside bonds in oligosaccharides and polysaccharides, catalyzing the first step in digestion of dietary starch and glycogen. This gene and several family members are present in a gene cluster on chromosome 1. This gene encodes an amylase isoenzyme produced by the pancreas. [provided by RefSeq, Jan 2015]