

Product datasheet for **SC200117**

Pancreatic alpha amylase (AMY2A) (NM_000699) Human 3' UTR Clone

Product data:

| | |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type: | 3' UTR Clones |
| Product Name: | Pancreatic alpha amylase (AMY2A) (NM_000699) Human 3' UTR Clone |
| Symbol: | Pancreatic alpha amylase |
| Synonyms: | AMY2; PA |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pMirTarget (PS100062) |
| ACCN: | NM_000699 |
| Insert Size: | 64 bp |
| Insert Sequence: | >SC200117 3'UTR clone of NM_000699 The sequence shown below is from the reference sequence of NM_000699. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC ATTGCAATTCATGCTGAATCTAAATTG AAA AAATTTAAAATTAATGCATGTCCTCAAACAATA ACGCGT AAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG |
| Restriction Sites: | Sgfl-MluI |
| OTI Disclaimer: | Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs). |
| Components: | The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials. |
| RefSeq: | <u>NM_000699.4</u> |



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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]

Locus ID:

279

MW:

2.3