

Product datasheet for **SC217233**

ENAM (NM_031889) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ENAM (NM_031889) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ENAM
Synonyms:	ADAI; AI1C; AIH2
ACCN:	NM_031889
Insert Size:	1999 bp



[View online »](#)

Insert Sequence: >SC217233 3'UTR clone of NM_031889
 The sequence shown below is from the reference sequence of NM_031889. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTACAAGACTGCTTACTACTTCAGGCCTAGGGGTTATCCAACCAAGCATTCTTGGGGAAAGAGAAATCA
CTGACATTCTATACCAATGGTTCCTCCAAAATTTTTCCCAAGACTTAATTAAGTGCTGACTGTCTTGG
TGATCCTTAAGTTTTCTCCCTCTCAGCAATAGGAGTAGCGACCCAGGTGGAGCTGAGATTAGGCCTCT
GGGGATCACCAGATCTAGCACTTTCACAGATTAGTGCAGACCTTAAAAAAGCAAGAAGGCCATGACCAT
CCCTGCCTCGAAACTTGAAGTCACTTGTCTGAGTTAGTTTCTTTTCTTTGCTTGATGACTTCTTTTGTCT
CAAAGTCCATACTTGTAAAATGGTTTTCAAGACTGAAAGGCAGATTAACCTTCCATTCTACTTATG
GAGATCCACACATCAGTATAGCCTGATGACTGTACGTTTTTGTCTTGTGTTGATCTTGCAGGTTTT
TTTTCTACTCAATATTCTTCAAGCATTTTTTTCTTCCACTGCCACTCTTTTACCTTATCATTTC
TTTTTCTTAGCTTCTTCTTCTTTCTCTCCCTCAACCATTCTGTATTTAGCTTTCTAATCCTCAT
CTTTTTCTCTGTATATCACTTCTTACATATTAATTAGCTATTTTAAACCATTCTAGTCTCTTCTTT
ATGTCTACCTCCTCCATTATGTCTTCGTCTTCCAACCTATCTGTTCTGTCTCCAATGTACCCTTA
TCAACTAATCCCTCCTCTCTGATTCTTTCTTCCCTCAATTTATCTTTTCCCTGTTACACCATTT
TCATCTTAAGACTGCATGCTACTCTTCTCTTTTGTATCCACTCTCAAATCGTACCCTAAATTTTTT
TTGACCCAGCTTAACCATCATTACAGAATATATTTGGAAATGGTAGACTGATAGCTACTTTGTTTT
TAGTTATCTTAGGTCTCTACCAAGTAGACACAGTTCAGTTAGAGAGACGATTTAAGGAGAAGGGAAG
GCAGGATACCCAGAAGTACGAGCCTAGGGAAAAGGCTTAGGAAGATGGAGAATGAGGAACGAAGAAAC
TGCCGCTCTGAGACTGCACATCCAGGAAAAAGACTAGGACTTGCCACACACTGCCAATTCATAATCCG
CAGGATCTGTAGAAGACATTTTGGGAAACTGTCTTAAATAAAAACTCAATGTTTAGTTGTTTTTTTT
TTTTTTACTAGTTCAGCATAAGGGATTCTACCAGTATGTGCTACTACTAACATTCTTATGTCCATGC
AGAATTACTTACAGACTCTTTCTTGGTATCTTGAATAAATTGTGTAATTTATTTTGAAGGTTGGATA
TTTCTATATGCCTTGCTTATAATACATCAGGGATTATTATTCTTATTAATAACATGTTGGCCTATTATC
TGGATGTCCTTGCTAGAGCAGGAAAAAGTCTCAGAATTACCTAAAAACATACTTTATAACTTTAAG
AGATTTCTTAGGATACATCTTCCAGGGCAGATTTTATAACAACATCTCAAAAATTTGGGAAACACAAC
GTTGAAAACCTTCTAAGAAAAGGAATCTTGCCCTTGAATCTTCTGAAGTACCTAGCACAGTGTCTCAA
CATAGAAGGTACCAATAAATATATCAATTCATTTTTAATGACTTTCAACACTCCCATGAAAACAC
CGTAGTCTGCTTTTCTGAAAGGTGACTGTCTAGGATGCTGAATGAGCCACCACTCCGTAGCTTTATAT
ATTCAGCAACATTTCCATCATAGAAATTCAGCGTTAGAAGGGATCTTAGAGGTAGATTATCCAGGCCAT
CCCCTACTGCTTACATTTCCCTCCCTGGCCAGTTTTATTTTTAATCACACATTGAAAAATTCATTA
ACTTATTCTGTATAAACTGTCTTTAAGAATTATCCTTTCAAAAATAAAATGTTATTGTTTCACTA
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

Restriction Sites: Sgfl-Mlul

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: [NM_031889.3](#)

Summary: Dental enamel forms the outer cap of teeth and is the hardest substance found in vertebrates. This gene encodes the largest protein in the enamel matrix of developing teeth. The protein is involved in the mineralization and structural organization of enamel. Defects in this gene result in amelogenesis imperfect type 1C.[provided by RefSeq, Oct 2009]

Locus ID: 10117

MW: 77.7