

## Product datasheet for **SC204788**

### Non Neuronal Enolase (ENO1) (NM\_001428) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Non Neuronal Enolase (ENO1) (NM_001428) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ENO1
Synonyms:	ENO1L1; HEL-S-17; MPB1; NNE; PPH
ACCN:	NM_001428
Insert Size:	390 bp
Insert Sequence:	>SC204788 3'UTR clone of NM_001428 The sequence shown below is from the reference sequence of NM_001428. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AGGAACCTCAGAAACCCCTTGGCCAAGTAAAGCTGTGGGCAGGCAAGCCCTTCGGTCACCTGTTGGCTAC ACAGACCCCTCCCCTCGTGTGTCAGCTCAGGCAGCTCGAGGCCCGACCAACACTTGCAGGGGTCCCCTGC TAGTTAGCGCCCCACCGCCGTGGAGTTCGTACCGCTTCCTTAGAACTTCTACAGAAGCCAAGCTCCCCTG GAGCCCTGTTGGCAGCTCTAGCTTTGCAGTCGTGTAATTGGCCCAAGTCATTGTTTTTCTCGCCTCACT TTCCACCAAGTGTCTAGAGTCATGTGAGCCTCGTGTCTATCCGGGGTGGCCACAGGCTAGATCCCCGG TGGTTTTGTGCTCAAAATAAAAAGCCTCAGTGACCCATGAGAATA ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA 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><a href="#">NM_001428.5</a></u>



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**Summary:**

This gene encodes alpha-enolase, one of three enolase isoenzymes found in mammals. Each isoenzyme is a homodimer composed of 2 alpha, 2 gamma, or 2 beta subunits, and functions as a glycolytic enzyme. Alpha-enolase in addition, functions as a structural lens protein (tau-crystallin) in the monomeric form. Alternative splicing of this gene results in a shorter isoform that has been shown to bind to the c-myc promoter and function as a tumor suppressor. Several pseudogenes have been identified, including one on the long arm of chromosome 1. Alpha-enolase has also been identified as an autoantigen in Hashimoto encephalopathy. [provided by RefSeq, Jan 2011]

**Locus ID:**

2023

**MW:**

14.6