

## Product datasheet for **SC212909**

### **BACE2 (NM\_138992) Human 3' UTR Clone**

#### **Product data:**

|               |   |
|---------------|---|
| Product Type: | 3' UTR Clones                                       |
| Product Name: | BACE2 (NM_138992) Human 3' UTR Clone                |
| Vector:       | pMirTarget (PS100062)                               |
| Symbol:       | BACE2   |
| Synonyms:     | AEPLC; ALP56; ASP1; ASP21; BAE2; CDA13; CEAP1; DRAP |
| ACCN:         | NM_138992   |
| Insert Size:  | 2000 bp   |



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**Insert Sequence:** >SC212909 3'UTR clone of NM\_138992  
 The sequence shown below is from the reference sequence of NM\_138992. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTTCCGGGCTTTCTCAACAGAGGATGTAGCCAGCAACTGTGTCCCGCTCAGTCTTTGAGCGAGCCCA
TTTTGTGGATTGTCTCTATGCGCTCATGAGCGTCTGTGGAGCCATCCTCCTTGTCTTAATCGTCTGTC
TGCTGCTGCCGTTCCGGTGTGAGCGTCCGCCCCGTGACCCCTGAGGTCGTCAATGATGAGTCTCTCTGG
TCAGACATCGCTGAAATGAATAGCCAGGCCTGACCTCAAGCAACCATGAACTCAGCTATTAAGAAAAT
CACATTTCCAGGGCAGCAGCCGGGATCGATGGTGGCGCTTTCTCCTGTGCCACCCGCTTCAATCTCT
GTTCTGCTCCAGATGCCTTCTAGATTCAGTGTCTTTTGATTCTTGATTTTCAAGCTTTCAAATCTCTC
CTACTTCCAAGAAAAATAATTAATAAAAAAACTTCACTTAAACCAAAACAGAGTGGATTGGGCTGCAG
GCTCTATGGGGTTCGTTATGCCAAAGTGTCTACATGTGCCACCAACATAAAACAAAACCAAGCCTTGGC
TCGTTCTCTTCTCTTCAATCTCTGAAAAAATAGTACATATAGTTGATAACCCCTCTTAGCTTACAG
GAAGCTTTTTGTATTAATTGCCTTTGAGGTTATTTCCGCCAGACCTCAACCTGGGTCAAAGTGGTACA
GGAAGGCTTGAGTATGATGGCAGGAGAATCAGCCTGGGGCTGGGGATGAACCAAGCTGTACCCTTG
AGACCTGGAACAGAGCCACAGGCCCTTTTGTGGGTTTCTCTGTGCTCTGAATGGGAGCCAGAATTCA
CTAGGAGGTCAACAACCGATGGTCTCACAGCCTCTTCTGAAGATGGAAGGCCTTTTGGCCGTTGAGG
TAGAGGGGAAGGAAATCTCCTCTTTGTACCAATACTTATGTTGATTGTTGGTGGCAAGTAAAAAC
ACTACCTCTTTTGTAGACTTTGCCAGGGTCTGTGCCTGGATGGGGTGCAGGCAGCCTTGACCACGGC
TGTTCCCTCACCCAAAAGAATTATCATCCCAACAGCCAAGACCAAGGTGCTGAACTGTGCATCAA
CCAGGAAGAGTTCTATCCCAAGCTGGCCACTATCACATATGCTTACTCTTAAATTAATAAATC
ATGTTTTGATGAGAAAAACTATTCTATTTCACTAGCTTAGTTGTCTCTTTTTCCAAATCTTCTCTGGA
AGTAGGTTGGCTATTACCCTGTTGGAAACAGGGAAATGGCCTGATGCCCTATTTCTGACCAGCTGTC
AGGGAAGGAAGATGCAAGATGTGCAGAAGACACAAGGTAACGTCTACTTATCCCGTGCTTCGAAACCG
TGTGTTCCCTTTGCAGAACTGGTTAGCCTCAAGCATACCCATCCAATCAGCTTAAATTGTTGAGCAGT
TGACCTCTGTGCTTCTCCTTTGGGGTGTAAATCTTTGGTAACAGTTGTGAGTGGTACGCTTATTT
CGGGGGCAGTCCCTACTTTCTGTCACTTATCGAGGCCTTTGCCAAAGAAAAGTGAAGCCGTTTCTT
GACATAGCCTTATATGACCTGATGTCATTAGGAGAAGAGTTAAAAGACAGTATCCCTCTCTCTGCTT
GTGTGCCAAGTTCAGTGTCCCTTTGCATTTTTTTGGGGTGGGTTGGCTATATTACAGAATCCACCAA
AAGTGCTAAGTGTCCCTCCTGCAGAAGTATCGTTTTGATTCACAGTAGGCTACGTGTGGATGTTTCAG
CCATCTGCTCTGCTCCCTGGGTCGCCGGGTCAACCACATACTGAGAAATATAGGACTCTGCCAAAGAGA
CGTGGAGGCCACGTCCGCTTGTGCATGGTGTCTGGAAGACTCTCCAGCAGCCAGAAGAACCTTCTGTGC
TGTTTTCACTAGAGAAGATTTGAGTTGCAGCCTTTGAAAGAACATGACGGCACGGAACGGGAGGAG
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATCCACCGCCGCTTCTATGAAAGG
  
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**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\\_138992.3](#)

**Summary:** This gene encodes an integral membrane glycoprotein that functions as an aspartic protease. The encoded protein cleaves amyloid precursor protein into amyloid beta peptide, which is a critical step in the etiology of Alzheimer's disease and Down syndrome. The protein precursor is further processed into an active mature peptide. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

**Locus ID:** 25825

**MW:** 73.7