

Product datasheet for **SC211462**

BACE2 (NM_138991) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	BACE2 (NM_138991) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	BACE2
Synonyms:	AEPLC; ALP56; ASP1; ASP21; BAE2; CDA13; CEAP1; DRAP
ACCN:	NM_138991
Insert Size:	2000 bp



[View online »](#)

Insert Sequence:

>SC211462 3'UTR clone of NM_138991

The sequence shown below is from the reference sequence of NM_138991. 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
TCCTCTCTGGTCAGACATCGCTGGAAAATGAATAGCCAGGCCTGACCTCAAGCAACCATGAACTCAGCTA
TTAAGAAAATCACATTTCCAGGGCAGCAGCCGGGATCGATGGTGGCGCTTTCTCCTGTGCCACCCGTC
TTCAATCTCTGTTCTGCTCCAGATGCCTTCTAGATTCACTGTCTTTTGATTCTTGATTTTCAAGCTTT
CAAATCTCCCTACTTCCAAGAAAAATAATTAATAAAAAAACTTCACTTAAACCAAAACAGAGTGGAT
TGGGCTGCAGGCTCTATGGGTTTCGTTATGCCAAAGTGTCTACATGTGCCACCAACATAAAAAACAAACC
AAGCCTTGGCTCGTTCTTCTCTCTTCAATCTCTGAAAAATAAGTACATATAGTTGATAACCCCTCT
TAGCTTACAGGAAGCTTTTTGTATTAATGCCTTTGAGGTTATTTTCCGCCAGACCTCAACCTGGGTCA
AAGTGGTACAGGAAGGCTTGCAGTATGATGGCAGGAGAATCAGCCTGGGGCTGGGGATGTAACCAAGC
TGTACCCTTGAGACCTGGAACCAGAGCCACAGGCCCTTTTGTGGGTTTCTCTGTGCTCTGAATGGGAG
CCAGAATTCAGGAGGTCATCAACCGATGGTCTCACAAAGCCTTCTGAAGATGGAAGGCTTTTTG
CCCGTTGAGGTAGAGGGGAAGGAAATCTCCTCTTTGTACCCAATACTTATGTTGTATTGTTGGTGCGA
AAGTAAAAACACTACCTCTTTGAGACTTTGCCAGGGTCTGTGCCTGGATGGGGGTGCAGGCAGCCT
TGACCACGGCTGTTCCCTCACCCAAAAGAAATTCATCCCAACAGCCAAGCCAAACAGGTGCTGAAC
TGTGCATCAACCAGGAAGAGTTCTATCCCAAGCTGGCCACTATCACATATGCTTACTCTTGCTTAAAA
TTAATAAATCATGTTTTGATGAGAAAAAACTATTCTATTTCACTAGCTTAGTTGTCTCTTTTTCCAAT
CTTCTCGAAGTAGGTTGGCTATTACCCTGTTGGGAAACAGGGAAATGGCCTGATGCCCTATTTCTG
ACCAGCTGTGAGGAAGGAAGATGCAAGATGTGCAGAAGACACAAGGTAACGTCTACTTATCCCCGTGC
TTCGAAACCGTGTGTTTCCCTTTCAGAACTGGTTAGCCTCAAGCATAACCCATCCATCAGCTTAAATT
GTTCAGCAGTTGACCTCTGTGCTTCTTCTTTGGGGGTGTTAATCTTTGGTAACAGTTGTGCAAGTGGT
AGCCTTATTTCCGGGGGAGTCCCTACTTTCTGTCACTTATCGAGGCCTTTGCCAAAGAAAAGTGGAAAG
CCGTTTCCCTGACATAGCCTTATATGACCTGATGTCATTAGGAGAAGAGTTAAAAGACAGTATCCCTC
TCTCTGCTTGTGTGCCAAGTTCAGTGTCCCTTTCATTTTTTGGGGTGGGTGGCTATATTACAGA
ATTCCACAAAAGTGCTAAGTGTCCCTCTGCAGAAGTATCGTTTGTATTACAGTAGGCTACGTGTG
GATGTTTTCAGCCATCTGCTCTGCTCCCTGGTCCCGGGTCAACCACATACTGAGAAATATAGGACTCT
GCCAAAGAGACGTGGAGGCCACGTCGGCTTGCATGGTGTCTGGAAGACTCTCCAGCAGCCAGAAGAA
CCTTCTGTGCTGTTTTCACTAGAGAAGATTTGAGTTGCAGCCTCTTGAAAGAACATGACGGCACGGAA
CGGGAGGAGGGGGCTCTGTATCAGGGCCGTTGTACATCCGCTCTCAGCTTGTGAAAACATAAT
CTCAGAAATGCATTTACACGGAGAGATGTCTGGAAGTCCAATTCTCATCCATTGGCTTTTTCCGTGGT
TGCTGTTTTGTGGCCGCTTTCACAGGAGTGAAGCCAACACCCCTAGATTGTGCCTTACCCTTGCT
ACGCGT AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
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Restriction Sites:

SgfI-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:

[NM_138991.3](#)

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: 75.6