

Product datasheet for **SC221357**

BACE1 (NM_012104) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	BACE1 (NM_012104) Human 3' UTR Clone
Symbol:	BACE1
Synonyms:	ASP2; BACE; HSPC104
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_012104
Insert Size:	2000 bp



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Insert Sequence: >SC221357 3'UTR clone of NM_012104
 The sequence shown below is from the reference sequence of NM_012104. 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
TTTGCTGATGACATCTCCCTGCTGAAGTGAAGGAGGCCCATGGGCAGAAGATAGAGATTCCCCTGGACCA
CACCTCCGTGGTTCACCTTTGGTCAACAAGTAGGAGACACAGATGGCACCTGTGGCCAGAGCACCTCAGGA
CCCTCCCCACCCACCAAAATGCCTCTGCCTTGATGGAGAAGGAAAAGGCTGGCAAGGTGGGTTCCAGGGA
CTGTACCTGTAGGAAACAGAAAAGAGAAGAAAGCACTCTGTCTGGCGGAATACTCTTGGTCACTC
AAATTTAAGTCGGGAAATCTGTCTGCTTGAACCTCAGCCCTGAACCTTTGTCCACCATTCTTTAAAT
TCTCCAACCCAAAGTATTCTTTCTTTAGTTTCAGAAGTACTGGCATCACACGAGGTTACCTTGGC
GTGTGTCCCTGTGGTACCCTGGCAGAGAAGAGACCAAGCTTGTTCCCTGCTGGCCAAAGTCAGTAGGA
GAGGATGCACAGTTTGCTATTTGCTTTAGAGACAGGGACTGTATAAACAAGCCTAACATTGGTGCAAG
ATTGCCTCTTGAATTAATAAAAAAAAAAAGTACTTATATACAAATGGGGCGGCTGGAAAGAGGA
GAAGGAGAGGGAGTACAAAGACAGGGAATAGTGGGATCAAAGCTAGGAAAAGGCAGAAACACAACCACTC
ACCAGTCTAGTTTTAGACCTCATCTCCAAGATAGCATCCCATCTCAGAAGATGGGTGTTGTTTTCAAT
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AGGCTCACTCTTTCCCCAAATCTTCTCTGGAGCTTTGCAGCCAAGGTGCTAAAAGGAATAGGTAGGA
GACCTCTTCTATCTAATCCTTAAAAGCATAATGTTGAACATTTCATCAACAGCTGATGCCCTATAACCC
CTGCCTGGATTTCTTCTATTAGGCTATAAGAAGTAGCAAGATCTTTACATAATTAGAGTGGTTTCAT
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ATACCAAGAGTATGAGAAATACAGTGCTTTATGGCTCTAACATTACTGCCTTCAGTATCAAGGCTGCCT
GGAGAAAGGATGGCAGCCTCAGGGCTTCTTATGTCTCCACCACAAGAGCTCCTTGATGAAGGTCATC
TTTTTCCCTATCCTGTTCTTCCCTCCCGCTCCTAATGGTACGTGGGTACCCAGGCTGGTTCTTGGG
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CAGGTATGGGACCTGCTAAGTGTGGAATTACCTGATAAGGGAGAGGAAAATAACAAGGAGGGCCTCTGGT
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TCTGGGTTCTCTTCACTCCACTGCCTTGGTGTGCTTTGGCTGACTGGGAACACCCCACTAACTACAG
AGTCTGACAGGAAGACTGGAGACTGTCCACTTCTAGCTCGGAACCTACTGTGTAATAAACTTTAGAA
CTGCTACCATGAAGTAAAAATGCCACATTTTGCTTTATAATTTCTACCCATGTTGGGAAAAACTGGCT
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_012104.6](#)

Summary:

This gene encodes a member of the peptidase A1 family of aspartic proteases. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature protease. This transmembrane protease catalyzes the first step in the formation of amyloid beta peptide from amyloid precursor protein. Amyloid beta peptides are the main constituent of amyloid beta plaques, which accumulate in the brains of human Alzheimer's disease patients. [provided by RefSeq, Nov 2015]

Locus ID:

23621

MW:

73.2