OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC217304

Bace2 (NM_019517) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bace2 (NM_019517) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bace2
Synonyms:	1110059C24Rik; A; AEPLC; AI850424; AL; ALP56; ARP1; AS; ASP1; ASP21; BAE; BAE2; CDA1; CDA13; CEA; CEAP1; DRAP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Fully Sequenced ORF:

>MC217304 representing NM_019517
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGCGCGCTGCTTCGAGCACTCTTGCTCCCGGTGCTGGCGCAGTGGCTCTTGAGTGCGGTCCCCGCGC
TGGCCCCCGCGCCCTTCACGCTGCCCCTCCAAGTGGCCCGGGCCACGAACCACAGAGCCTCGGCTGTTCC
CGGACTCGGGACCCCCGAGTTGCCCCGGGCCGATGGTCTGGCCCTCGCACTGGAGCCTGTCAGGGCTACT
GCCAACTTCTTGGCTATGGTGGACAACCTTCAGGGGGACTCTGGCCGCGGCTACTACCTAGAGATGCTGA
TCGGGACCCCTCCGCAGAAGGTACAGATTCTTGTGGACACTGGAAGCAGTAACTTCGCTGTGGCAGGTGC
CCCACACTCCTACATAGACACCTACTTTGACTCAGAGAGCTCCAGCACATACCACTCCAAGGGCTTTGAT
GTCACTGTGAAGTACACACAGGGAAGCTGGACTGGCTTTGTTGGTGAGGACCTTGTCACCATCCCAAAAG
GCTTCAACAGCTCTTTCTTGGTCAATATTGCCACTATTTTCGAGTCTGAGAATTTCTTTTTGCCTGGTAT
TAAATGGAATGGAATCCTTGGACTTGCTTATGCTGCTTTGGCCAAGCCATCAAGCTCTCTGGAGACATTT
TTTGATTCCCTGGTGGCCCAAGCAAAGATTCCAGACATTTTCTCCATGCAGATGTGCGGGGCTGGATTGC
CAGTAGCTGGTTCTGGTACCAACGGAGGTAGTCTTGTCCTGGGTGGGATTGAACCAAGTTTGTATAAAGG
AGATATCTGGTATACCCCAATTAAAGAGGAATGGTACTATCAAATAGAAATCCTGAAGTTGGAAATTGGA
GGCCAGAACCTCAACCTGGACTGCAGAGAGTATAACGCAGACAAGGCCATTGTGGACAGTGGCACCACGC
TCCTGCGCCTGCCCCAGAAGGTGTTTGATGCAGTGGTGGAAGCTGTGGCACGAACATCTCTGATTCCAGA
GTTTTCTGATGGCTTCTGGACAGGGGCCCAGCTGGCATGCTGGACAAATTCTGAAACGCCATGGGCATAT
TTCCCTAAGATTTCTATCTACCTGAGAGATGAGAATGCCAGTCGCTCCTTCCGGATCACCATTCTCCCAC
AGCTCTACATTCAGCCCATGATGGGAGCTGGTTTCAATTATGAATGCTACCGTTTTGGTATCTCCTCTTC
CACAAATGCGCTGGTGATTGGTGCGACCGTGATGGAAGGCTTCTACGTGGTCTTTGACAGAGCTCAGAGG
AGGGTGGGCTTTGCAGTGAGTCCCTGTGCAGAGATTGAAGGTACCACAGTGTCTGAAATTTCTGGGCCCT
TTTCCACGGAAGACATAGCCAGCAACTGTGTTCCAGCACAGGCTCTGAATGAGCCCATCTTGTGGATTGT
GTCCTATGCCCTGATGAGTGTGTGTGGAGCCATTCTCCTGGTTCTGATCCTCCTCCTGCTGCTCCCGCTG
CACTGCCGTCATGCCCCCCGAGACCCTGAGGTAGTTAACGATGAGTCCTCACTAGTCAGACATCGCTGGA
AATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_019517

Insert Size: 1545 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_019517.5, NP_062390.3
RefSeq Size:	7686 bp
RefSeq ORF:	1545 bp
Locus ID:	56175
UniProt ID:	Q9JL18
Cytogenetics:	16 C4
Gene Summary:	This gene encodes a member of the peptidase A1 family of aspartic proteases. The encoded preproprotein undergoes proteolytic processing to generate an active endopeptidase enzyme. This transmembrane protease catalyzes the proteolysis of amyloid precursor protein to produce amyloid beta peptide. Mice lacking the encoded product exhibit increased pancreatic beta cell mass and improved glucose tolerance due to increased insulin secretion. [provided by RefSeq, Jul 2016]

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US