Product datasheet for MR220631L3V

Bace2 (NM_019517) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Bace2 (NM_019517) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Bace2
Synonyms:	1110059C24Rik; A; AEPLC; AI850424; AL; ALP56; ARP1; AS; ASP1; ASP21; BAE; BAE2; CDA1; CDA13; CEA; CEAP1; DRAP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_019517
ORF Size:	1542 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220631).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_019517.4, NP_062390.3
RefSeq Size:	3736 bp
RefSeq ORF:	1545 bp
Locus ID:	56175
UniProt ID:	Q9JL18
Cytogenetics:	16 C4

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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]