

Product datasheet for SC204917

EVA1 (MPZL2) (NM_144765) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	EVA1 (MPZL2) (NM_144765) Human 3' UTR Clone
Symbol:	EVA1
Synonyms:	DFNB111; EVA; EVA1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_144765
Insert Size:	369 bp
Insert Sequence:	<p>>SC204917 3'UTR clone of NM_144765</p> <p>The sequence shown below is from the reference sequence of NM_144765. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGCCGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GTCTCTGTTTATTAGAACACAGACTAACATTTTAGATGGTAAGGTTACAAATAGGTTGATTCT
TTCTTCAGCTTTCTGACATGTCCAGCCCATCTCTAATGAGGACTCCCAGATCATCACTTTATGGCTGTT
AGGTGTTTCCCATATGAAATTAGAGGAGCTGGGTCAGGGAGACAAAAGTCTTCTATTAGTCTTATGGAT
AGCTCCTCCTTGAGTGTATTTGTGCAAAAGATTAAGAAGCTGGACTCTACTGCCATTAAAGCTGAGAG
AATCCTAAGGTTATTTGTGGCTTCGGGTTATATTATTACTACTACTACTAATAAATATTCAACAAGT
AAATAAATCTTTTTTAAATCAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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.


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RefSeq: NM_144765.3

Summary: Thymus development depends on a complex series of interactions between thymocytes and the stromal component of the organ. Epithelial V-like antigen (EVA) is expressed in thymus epithelium and strongly downregulated by thymocyte developmental progression. This gene is expressed in the thymus and in several epithelial structures early in embryogenesis. It is highly homologous to the myelin protein zero and, in thymus-derived epithelial cell lines, is poorly soluble in nonionic detergents, strongly suggesting an association to the cytoskeleton. Its capacity to mediate cell adhesion through a homophilic interaction and its selective regulation by T cell maturation might imply the participation of EVA in the earliest phases of thymus organogenesis. The protein bears a characteristic V-type domain and two potential N-glycosylation sites in the extracellular domain; a putative serine phosphorylation site for casein kinase 2 is also present in the cytoplasmic tail. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]

Locus ID: 10205

MW: 13.9