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Product datasheet for MC205982

Emilin2 (BC053753) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Emilin2 (BC053753) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Emilin2
Synonyms:	FOAP-10
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC053753

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CTGCTGGCGTTTGGGAAGAGACCAAAGGAATGTGTAATTGAAAAGTCTGTAACCAAGACCCCGGTTCCTA
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AACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC053753

Insert Size: 3225 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).

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:	BC053753, AAH53753
RefSeq Size:	4283 bp
RefSeq ORF:	3225 bp
Locus ID:	246707
Cytogenetics:	17 E1.3
Gene Summary:	May be responsible for anchoring smooth muscle cells to elastic fibers, and may be involved not only in the formation of the elastic fiber, but also in the processes that regulate vessel assembly. Has cell adhesive capacity. Major component of the cochlear basilar membrane (BM) which may contribute to the developmental assembly or function of the BM. [UniProtKB/Swiss-Prot Function]