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 SC210135

Fibulin 5 (FBLN5) (NM_006329) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Fibulin 5 (FBLN5) (NM_006329) Human 3' UTR Clone
Symbol:	Fibulin 5
Synonyms:	ADCL2; ARCL1A; ARMD3; DANCE; EVEC; FIBL-5; HNARMD; UP50
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006329
Insert Size:	843 bp
Insert Sequence:	>SC210135 3'UTR clone of NM_006329 The sequence shown below is from the reference sequence of NM_006329. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CGGATATATGTGTCGCAGTACCCATTCTGAGCCTCGGGCTGGAGCCTCCGACGCTGCCTCTCATTGGCA CCAAGGGACAGGAGAAGAGAGGAAATAACAGAGAGAATGAGAGCGACACAGACGTTAGGCATTTCCTGC TGAACGTTTCCCCGAAGAGTCAGCCCCGACTTCCTGACTCTCACCTGTACTATTGCAGACCTGTCACCC TGCAGGACTTGCCACCCCCAGTTCCTATGACACAGTTATCAAAAAGTATTATCATTGCTCCCCTGATAG AAGATTGTTGGTGAATTTTCAAGGCCTTCAGTTTATTTCCACTATTTTCAAAGAAAATAGATTAGGTTT GCGGGGGTCTGAGTCTATGTTCAAAGACTGTGAACAGCTTGCTGTCACTTCTTCACCTCTTCCACTCCT TCTCTCACTGTGTTACTGCTTTGCAAAGACCCGGGAGCTGGCGGGGAACCCTGGGAGTAGCTAGTTTGC TTTTTGCGTACACAGAGAAGGCTATGTAAACAAACCACAGCAGGATCGAAGGGTTTTTAGAGAATGTGT TTCAAAACCATGCCTGGTATTTTCAACCATAAAAGAAGTTTCAGTTGTCCTTAAATTTGTATAACGGTT TAATTCTGTCTTGTTCATTTTGAGTATTTTTAAAAAATATGTCGTAGAATTCCTTCGAAAGGCCTTCAG ACACATGCTATGTTCTGTCTTCCCAAACCCAGTCTCCTCTCCATTTTAGCCCAGTGTTTTCTTTGAGGA CCCCTTAATCTTGCTTTCTTTAGAATTTTTACCCAATTGGATTGGAATGCAGAGGTCTCCAAACTGATT AAATATTTGAAGAGA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI

View online »

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_006329.4

Summary: The protein encoded by this gene is a secreted, extracellular matrix protein containing an Arg-Gly-Asp (RGD) motif and calcium-binding EGF-like domains. It promotes adhesion of endothelial cells through interaction of integrins and the RGD motif. It is prominently expressed in developing arteries but less so in adult vessels. However, its expression is reinduced in balloon-injured vessels and atherosclerotic lesions, notably in intimal vascular smooth muscle cells and endothelial cells. Therefore, the protein encoded by this gene may play a role in vascular development and remodeling. Defects in this gene are a cause of autosomal dominant cutis laxa, autosomal recessive cutis laxa type I (CL type I), and age-related macular degeneration type 3 (ARMD3). [provided by RefSeq, Jul 2008]

Locus ID: 10516

MW: 32.5