

Product datasheet for **RR208453**

Fbln5 (NM_019153) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbln5 (NM_019153) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fbln5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR208453 representing NM_019153 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCAGGATTA AAAAGGATACTACTGTCCACCATCCTGGCACTGTGGCTTCCACATCCTGGGAATGCAC
AGCAACAGTGCACCAACGGCTTTGACCTGGACCGCCAGACAGGACAGTGTAGATATTGATGAATGTCG
GACCATCCCTGAGGCTTGCCGTGGGACATGATGTGTCAACCAAGATGGCGGTATCTGTGCATCCCT
CGAACCAACCCAGTGTATCGAGGGCCCTACTCCAATCCCTACTCTACATCCTACTCAGGCCATACCCAG
CAGCTGCACCACCAAGTGCAGCTTCCAACCTACCCACGATTTCCAGGCCTCTTGTCTGTCGCTTTGGGTA
TCAGATGGATGAAGGCAACCAAGTGTGTGGATGTGGACGAGTGTGCGACAGATTACACCAAGTGCACCCCT
ACCCAGATCTGTATCAACACGGAAGGAGGGTACACCTGCTCCTGCACTGATGGTACTGGCTTCTGGAAG
GGCAGTGCCTAGATATTGATGAATGTCGCTATGGTTACTGCCAGCAGCTCTGTGCGAATGTTCTGGATC
CTATTCTGTACGTGTAACCCCTGGCTTACCCTCAACGATGATGGAAGGCTTGGCAAGATGTGAACGAG
TGTGAACTGAGAACCCTGTGTTGAGACCTGCGTCAACACCTATGGTTCTTTCATCTGCCGCTGTGACC
CAGGATATGAACTGGAGGAAGATGGCATTCACTGCAGTATGATGGATGAGTGCAGCTTCTCCGAGTTCCT
CTGTCAACATGAGTGTGTGAACAGCCGGCTCATACTTCTGCTCATGCCCTCCAGGCTACGTCTTGTGG
GAAGATAACCGAAGCTGCCAGGATATCAATGAATGTGAGCACCGAACCACATGCACTCCCCTGCAGA
CTTGCTACAATCTGCAAGGGGGCTTCAAATGTATCGACCCATCGTCTGCGAGGAGCCTTATCTGCTGAT
TGGGGATAACCGCTGTATGTGCCCTGCTGAGAATACTGGCTGCAGGGACCAAGCATTCCACATCTTGT
CGGGACATGGATGTGGTATCAGGACGCTCTGTTCTGCTGACATCTTCCAGATGCAAGCAACGACCCGAT
ACCCTGGCGCCTATTACATTTTCCAGATCAAATCTGGGAACGAGGGTTCGAGAGTTCTACATGCGGCAAC
AGGGCTATCAGTGCCACCCTGGTGTGACACGCCCCATCAAAGGGCCTCGGGACATCCAGCTGGACTTG
GAGATGATCACCGTCAACACTGTATCACTTCCAGAGGAGCTCCGTGATCCGACTGCGGATATACGTGT
CCAGATATCCGTTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR208453 representing NM_019153
 Red=Cloning site Green=Tags(s)

MPGLKRILTVTILALWLPHPGNAQQQCTNGFDLDRQTGQCLDIDECRTIPEACRGDMMCVNQNGGYLCIP
 RTNPVYRGPYSNPYSTSYSGPYPAAPPVPASNYPTISRPLVCRFGYQMDEGNQCVDVDECATDASHQCNP
 TQICINTEGGYTCSDTDGYWLLLEGQCLDIDECRYGYCQQLCANVPGYSYCTCNPGFTLNDDGRSCQDVNE
 CETENPCVQTCVNTYGSFICRCDPGYELEEDGIHCSMDDECSFSEFLCQHECVNQPGSYFCSCPPGYVLL
 EDNRSCQDINECEHRNHTCTPLQTCYNLQGGFKCIDPIVCEEYLLIGDNRMCMPAENTGCRDQPFILF
 RMDVVSGRSVPADIFQMQATTRYPGAYYIFQIKSGNEGREFYMRQTGPISATLVMTRPIKGRDILQDL
 EMITVNTVINFRGSSVIRLRIYVSQYPF

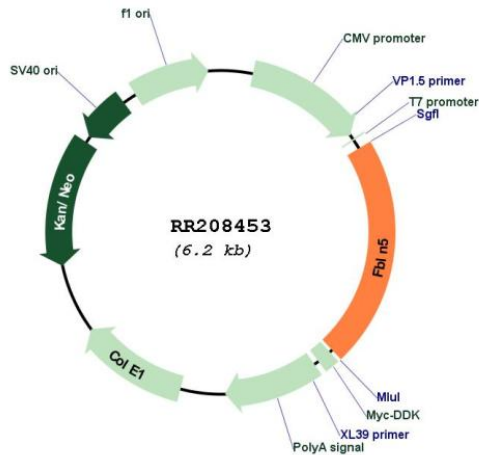
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_019153
ORF Size:	1344 bp
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.
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:	<ol style="list-style-type: none">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_019153.3 , NP_062026.2
RefSeq Size:	2402 bp
RefSeq ORF:	1347 bp
Locus ID:	29158
UniProt ID:	Q9WVH8
Cytogenetics:	6q32
MW:	50.2 kDa
Gene Summary:	may play a role in vascular growth and maturation during development and in lesions of injured vessels [RGD, Feb 2006]