

Product datasheet for RC200811

FSTL3 (NM_005860) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FSTL3 (NM_005860) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FSTL3
Synonyms:	FLRG; FSRP
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC200811 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCGTCCCGGGCGCCAGGGCCACTCTGGCCTCTGCCCTGGGGGCCCTGGCTTGGCCGTGGGCTTCG
TGAGCTCCATGGGCTCGGGGAACCCCGCCCGGTGGTGTTCGCTGGCTCCAGCAGGGCCAGGAGGCCAC
CTGCAGCCTGGTCTCCAGACTGATGTACCCGGGCCGAGTGTGTGCCCTCCGGCAACATTGACACCGCC
TGGTCCAACCTCACCCACCCGGGAACAAGATCAACCTCCTCGGCTTCTTGGGCCTGTCCACTGCCTTC
CCTGCAAAGATTCGTGCGACGGCGTGGAGTGC GGCCCGGCAAGGCGTGCCGCATGCTGGGGGGCCGCC
GCGCTGCGAGTGC GCGCCGACTGCTCGGGGCTCCCGCGCGGTTGCAGGTCTGCGGCTCAGACGGCGCC
ACCTACCGCGACGAGTGC GAGCTGCGCGCCGCGCTGCCGCGGCCACCCGGACCTGAGCGTCATGTACC
GGGGCCGCTGCCGAAGTCTGTGAGCACGTGGTGTGCCCGGGCCACAGTCGTGCGTCTGGACCAGAC
GGGCAGCGCCACTGCGTGGTGTGTCGAGCGCGCCCTGCCCTGTGCCCTCCAGCCCCGGCCAGGAGCTT
TGCGGCAACAACAACGTACCTACATCTCCTCGTGCCACATGCCCAGGCCACCTGCTTCTGGGCCGT
CCATCGGCGTGC GCCACGCGGGCAGCTGCGCAGGCACCCCTGAGGAGCCGCCAGGTGGTGTGAGTCTGCAGA
AGAGGAAGAGAACTTCGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC200811 protein sequence
 Red=Cloning site Green=Tags(s)

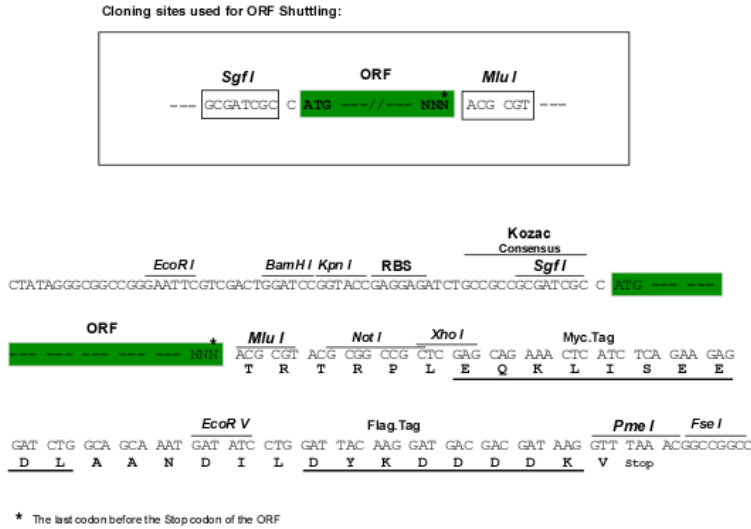
MRPGAGPLWPLPWGALAWAVGFVSSMSGNPAPGGVCWLQQGQEATCSLVLQTDVTRAECASGNIDTA
 WSNLTHPGNKINLLGFLGLVHCLPCKDSCDGVCEGPGKACRMLGGRPRCECAPDCSGLPARLQVCGSDGA
 TYRDECELRAARCRGHPDL SVMYRGRCKRSCHEVVVCPRPQSCVVDQTGSAHCVVCRAAPCPVPSSPGQEL
 CGNNNVTYISSCHMRQATCFLGRSIGVRHAGSCAGTPEEPPGGESAEEEEENFV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

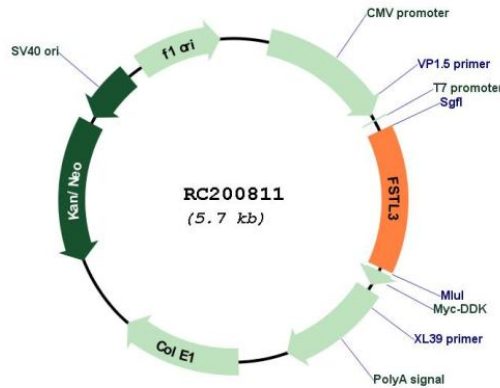
Chromatograms: https://cdn.origene.com/chromatograms/mk6267_d09.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



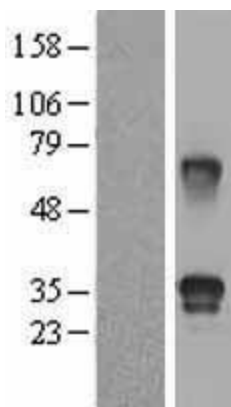
Plasmid Map:



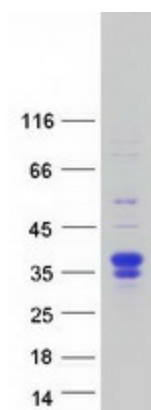
ACCN: NM_005860

ORF Size:	789 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.
RefSeq:	NM_005860.3
RefSeq Size:	2525 bp
RefSeq ORF:	792 bp
Locus ID:	10272
UniProt ID:	O95633 , A0A024R1Y8
Domains:	kazal, FOLN
Protein Families:	Secreted Protein
MW:	27.7 kDa
Gene Summary:	Follistatin-like 3 is a secreted glycoprotein of the follistatin-module-protein family. It may have a role in leukemogenesis. [provided by RefSeq, Jul 2008]

Product images:



Western blot validation of overexpression lysate (Cat# [LY417030]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC200811 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified FSTL3 protein (Cat# [TP300811]). The protein was produced from HEK293T cells transfected with FSTL3 cDNA clone (Cat# RC200811) using MegaTran 2.0 (Cat# [TT210002]).