

Product datasheet for **RR206003**

Fstl1 (NM_024369) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fstl1 (NM_024369) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fstl1
Synonyms:	Frp; Fstl
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR206003 representing NM_024369 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**

ATGTGGAAACGCTGGCTGGCGCTCGCGCTGGTGACCATCGCCCTGGTCCACGGCGAGGAGGAACAAAGAA
GCAAATCCAAGATCTGCGCCAATGTGTTTTGTGGAGCTGGCCGGGAATGCGCCGTCACGGAGAAGGGGA
GCCAACGTGCCTCTGCATTGAGCAATGCAAACCTCACAAGAGGCCTGTGTGGCAGTAATGGCAAGACC
TACCTCAACCATTGTGAACCTCACAGAGACGCCTGCCTCACTGGATCCAAGATCCAGTTGATTATGATG
GGCACTGCAAAGAAAAGAAGTCTGTGAGTCCATCCGCCAGCCCCGTTGTCTGCTATCAGGCTAACCGTGA
TGAGCTGCGGCGCCGGATCATCCAGTGGCTGGAAGCCGAGATCATTCCAGATGGCTGGTTCTCTAAAGGC
AGTAACTACAGTGAGATCCTAGACAAGTACTTTAAGAGCTTTGATAATGGTGACTCTCACCTGGACTCCA
GCGAATTCCTGAAATTCGTGGAGCAGAATGAAACAGCCGTCAACATCACCGCTTACCCCAATCAGGAGAA
CAACAACTGCTCAGAGGCCTCTGTGTTGATGCCCTCATTGAACTGTCCGATGAGAACGCTGACTGGAAA
CTCAGCTTCCAAGAGTTCCTCAAGTGCCTCAACCCATCCTTCAACCTCCTGAGAAGAAGTGCGCCCTGG
AGGACGAAACCTATGCAGATGGAGCTGAGACCGAGGTGGACTGCAATCGCTGTGTCTGTTCTGTGGACA
CTGGGTCTGCACAGCGATGACCTGTGATGGAAGAATCAGAAGGGGGTCCAGACCCACACAGAGGAGGAG
ATGACGAGATATGCCAGGAACCCAGAAGCACCAGGGAACAGCAGAAAAGACCAAGAAGGTGAACACCA
AAGAGATCAAGAGATC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR206003 representing NM_024369
Red=Cloning site Green=Tags(s)

MWKRWLALALVTIALVHGEEEQRSKSKICANVFCGAGRECAVTEKGEPTCLCIEQCKPHKRPVCGSNGKT
 YLNHCELHRDACLTGSKIQVDYDGHCKEKKSVSPSASPVVCYQANRDELRRRIIQWLEAEIIPDGWFSKG
 SNYSEILDKYFKSFDNGDSDLDSSEFLKFVEQNETAVNITAYPNQENKLLRGLCYDALIELSDENADWK
 LSFQEFLKCLNPSFNPEKKCALEDETYADGAETEVDNRCVCSGHWVCTAMTCDGKNQKGVQTHTEEE
 MTRYAQELQKHQGTAEKTKKVNTKEIKR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja1460_g06.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_024369

ORF Size: 918 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:

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_024369.2](#), [NP_077345.1](#)

RefSeq Size: 2283 bp

RefSeq ORF: 921 bp

Locus ID: 79210

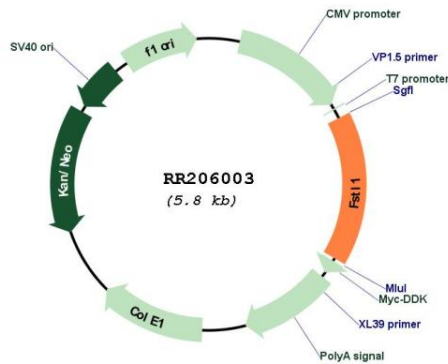
UniProt ID: [Q62632](#)

Cytogenetics: 11q21

MW: 34.6 kDa

Gene Summary: interacts with transforming growth factor (TGF) superfamily proteins; may play a role in reproduction and in regulation of activin A in brain wound healing [RGD, Feb 2006]

Product images:



Circular map for RR206003