

Product datasheet for RN212901

Fst (NM_012561) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Fst (NM_012561) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Fst
 Synonyms: FOL1; FS; Fst-288; RATFOL1
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN212901 representing NM_012561
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTCTGCGCCAGGCACCAGCCCGGGGCTCTGCCTCTGCTGCTGCTACTCTGCCAATTCATGGAAG
 ACCGCAGCGCCCAGGCTGGGAATTGCTGGCTCCGCCAAGCAAGAACGGCCGCTGCCAGGTCCTGTATAA
 GACAGAAGTGAAGCAAGGAAGAGTGTTCAGCACCAGCCGGCTGAGCACCTCGTGGACCGAGGAGGATGTG
 AACGACAATACTCTCTCAAGTGGATGATTTTCAACGGGGCGCCCAACTGCATCCCTTGTAAGAAA
 CGTGTGAGAATGTGGACTGTGGCCCGGAAAAAGTGCCGAATGAACAAGAAGAAACAAACCCCGCTGCGT
 CTGTGCCCCAGACTGTTCCAACATCACCTGGAAGGGTCCAGTGTGTGGGCTCGATGGGAAAACTACCGC
 AACGAATGTGCGCTCCTCAAGGCCAGATGTAAAGAGCAGCCGAACTGGAAGTCCAGTACCAGGGCAAT
 GTAAAAAGACTTGCAGGGATGTTTTCTGTCCAGGCAGCTCCACTTGTGTGGTGGATCAGACCAATAATGC
 CTACTGTGTGACCTGTAATCGGATTTGCCCGAACCCATCTTCAGAGCAGTCCCTTTCGGGAACGAT
 GGTGTGACTTACTCCAGTGCCTGCCACCTGAGAAAGCCACCTGCTTGTGGCAGATCCATTTGATTAG
 CCTATGAGGGAAAGTGTATCAAAGCAAAGTCTTGTGAAGACATCCAGTGCAGTGGTGGAAAAAATGCCT
 ATGGGATTTCAAGTTGGCAGAGGTCGCTCTCTCTGCGATGAGCTGTGCCCGACAGTAAGTCGGAT
 GAGCCCGTCTGTGCCAGGACAATGCCACGTACGCCAGCGAGTGTCCATGAAGGAAGCTGCCTGTCTCT
 CCGGCGTACTGCTTGAAGTGAAGCACTCCGGATCTTGCAACTCCATCTCGGAAGAAACGGAGGAAGAGGA
 GGAAGAGGAAGACCAGGACTACAGCTTCCCTATCTCTTCCACTCTAGAGTGGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_012561



[View online »](#)

Insert Size:	1035 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:	<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_012561.2 , NP_036693.1
RefSeq Size:	2202 bp
RefSeq ORF:	1035 bp
Locus ID:	24373
UniProt ID:	P21674
Cytogenetics:	2q14
Gene Summary:	binds activin and inhibits activin-mediated signaling pathways [RGD, Feb 2006]