

Product datasheet for **RN204781**

Fstl4 (NM_001107000) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fstl4 (NM_001107000) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fstl4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN204781 representing NM_001107000
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAAACCAGGAGGCTTCTGGCCACATCTCGCCCTACTTGGGTCTCCTTGCCTGCTGTGCTGGGATGGA
 TGGACCAAGGAGCCAGCAGAAGCCGAATGTGGTTCTAGGACAGTCACAGACAGAGGAAACCAGAGGCTT
 TGAAGTACAAGAAGAGAAGGTCTTCCAGCCCTGGGCTGTCATCCTCGTGGGAAGAACTCTGCAGC
 CACGGGAGCAGGTGCTTGCACAATAGGACAACAGGGCAGCCCTGTGCCACTGTCTGGAGGTGTGCAGGC
 CCCGCTACATGCCTGTGTGCGGCTCCGACGGGAAGCTCTACGGGAACCACTGCGAGCTTCGCGGTGCAGC
 CTGCTGCTGGGCAAGCAATTGTCAAGTGTACACAGCAAGAGCTGCTTCTCAAAGGTGACATGTGCACC
 GTGGCTGGCTATGCTCGCCTCAAAATGTCTTCTGGCACTCCAGAGCCGAGACAGCCGCTCCAACAAG
 AAACCCACAGGCAAGTCTCGCCTCCAGAAGCGCTCTTGGTGGAGTCACTGTTAAAGGCTTGGATAC
 CGATGGCAATGGCCGCTCGGCAGCTTGGAGCTGGCTCAGTATGTGCTAAAGGAGCAGGACATGGACGGT
 TCACTGAACAGATGCTCACCAGGCGACCTCCTGAGATTTGACGACTATAATAGCGATGGCTCCTTGACCC
 TTGGAGAGTTCTACACAGCCTTCCAGGTGATTCAACTGAGCCTCGCCCTGAGGACAAGGTGAGCGTGAC
 CACAGTGACCGTGGGCTGAGCAGAGTGTGACCTGTGCTATTCTGGAGACCTGAGGCCACCAATCATC
 TGGAAGCGCAATGGGCTCACCTGAGCTTCTGGGTCTGGAAGACATCAATGACTTCGGCGAGGATGATT
 CCCTGTACATACCAAGGTGACCACAATCCACATGGGCAACTACACCTGCCACGCTTGGCCATGAGCA
 GCTGTTCCAGACCCAGTCTGCAAGTGAATGTGCCACAGTCATCCGTGTCTATCCAGAGACCCAGGCA
 CAAGAACCTGGGTGGCAGCCAGCCTTCGATGCCACGCTGAGGGCATCCCCCTGCCAGAATCGTTTGGC
 TGAAAAATGGCATGGATGTCTCAACCCAGATGTCCAACAGCTCTCCCTCTTGGCCAATGGAAGCGAACT
 CCACATCCGACGCTTCGCTATGAAGACACCGGGCGTACACCTGCATTGCCAAGAATGAAGTGGGTGTG
 GATGAAGATATCTCCTCCTCTTCATTGAGGACTCAGCTAGAAAGACAGCTCTCAGCGTGGGAAACATGT
 TCTACGCTTCTCCGATGATGGTATTGTGTATCCACCTGTGGACTGTGAGGTCCAGAGACGCTTCAA
 ACCTACAGAGAAGATCTTCATGAGTTATGAAGAAATCTGTCTCGTGTGGAAGGAGATACTACCCAGCCA
 TGTCAATGGGCGTCCGAGTCAATGTGAGGAACCGGTACATCTACGTGGCCAGCCAGCACTGAACAGAG
 TCCTTGTGGTTCGACGTGCAAGCCAGAAGGTCTTACAGTCCATAGGTGTGGACCTCTACCAGCTAAGCT
 GTCCTATGACAAGTCACATGACCAAGTGTGGGTCTGAGCTGGGGGACATGCACAAGTCCAGCCAAGC
 CTACAGGTGATCAGAGCCAGCACCGGCCAAGGCCAGCACCTCATCCGAACACCGTTTGCAGGAGTGG
 ACAACTTCTTTATACCTCCAACAAATCTCATCATCAACCATATCAGGTTTGGCTTCATCTTCAACAAGAC
 TGACCCTGCCGTCCACAAAGTCGACTTGGAGACTCTGATGTCACTCAAGACAATCAGCCTACAGCACTAC
 GGCTGTATGCCTCAGGCCATGGCACATACACACCTTGGCGGCTACTTCTTGTGCAAGTGTGACAGGACA
 CCCCTACCTCCACTGGTCCACAGCTGCTCATTGACAGTGTACAGACTCAGTGTAGGCCCAACAGTGA
 TATCACGGGTACCCCCACGTGTCCCTGACGGGCGCTTATCGTCAGCGTCTCCAACAAGGGCCCTGG
 CTGCACGTGCAGGAGTCAAGTCCGGGGGAGATCCAGACTCTATACGATCTAAAAATAAACCAGGCA
 TCTCCGACTTGGCATTCCAGCATTCTTACGGAAGGTAATCAGTACAACGCCTACGCCACTCTGGACAA
 GGAGCCAGACCTGCTGTTTCTGGAGCTGTCCACTGGGAAGATGGGTAGGCTGAAGAACTTAAAGGAGCCA
 TCCAGGGGACCAAGCCACCTGGGGTGGACCCGAAGAGTCTGAGAGACAGCGGCTCTTTGGACAGT
 ACCTCCTCACAGCAGCTCAAGACTCACTGTTCTGGTCAATGGGAGACAAAACGCCCTGAGGTGCGAGGT
 GTCAGGCATAAAAGGTGCGGCCACAGTGGTGTGGGTGCGGGAGGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107000
Insert Size: 2499 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:	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:	<u>NM_001107000.1, NP_001100470.1</u>
RefSeq Size:	2811 bp
RefSeq ORF:	2499 bp
Locus ID:	303130
Cytogenetics:	10q22