

Product datasheet for **MC222031**

Fstl4 (NM_177059) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fstl4 (NM_177059) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fstl4
Synonyms:	B230374F23Rik; mKIAA1061; SPIG1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222031 representing NM_177059
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAACCAGGAGGCTTCTGGCCACATCTTGCCCTACTCGGGTCTCCCTGCCGGCCGTGCTGGGATGGA
 TGGACCAAGGAGCCAGCAGAAGCCGAATATGGTTCCAGGAGAGTCGAGGCAGAGGAAACCAGAGGCTT
 TGAAGTACAAGAAGAGAAGGTCTTCCAGCCCTGGGCTGTGAGCCTCCTGTGGGAAGAACTCTGCAGC
 CATGGGAGCAGGTGCTTGCTCAATAGGACGACAGGGCAGCCCTCGTGCCAGTGTCTGGAGGTGTGCAGGC
 CCCGCTACATGCCTGTGTGGCTCCGACGGGAGGCTCTACGGGAACCACTGTGAGCTTCGCCGTGCAGC
 CTGCTGTGGCAAGCGAATTGTGAGTGTACACAGCAAGGACTGCTTTCTCAAAGGAGACATGTGCACC
 ATGGCTGGCTATGCTCGTCTCAAAATGTCTCTGGCACTCCAGAGCCGAGACAGCCGCTCCACAAG
 GAACCCCAAGGCAAGCCTCGCCTCCAGAAGCGCCTCTTGGTGGAGTCACTGTTAAAGGACTTGGATGC
 CGACGGCAATGGGCACCTCGGCAGCTTGGAGCTGGCTCAGTATGTGCTAAAGGAGCAGGACATGGACGGT
 TCACTGAACAGATGCTCAGCCAGCGACCTCTGCGATTTGATGACTATAATAGCGATGGCTCCTTGACCC
 TTGGAGAGTTCTACACAGCCTTCCAGGTGATTAGCTAAGCCTCGCCCTGAGGACAAGGTCAAGTGTGAC
 TACCGTGACCGTGGGCTGAGCAGAGTGTGACCTGTGCTATTCTGTGGAGACCTGAGGCCACCAATCATC
 TGGAAACGCAACGGGCTCACTCTGAGCTTCTAGGCCTGGAAGACATCAATGACTTTGGCGAGGATGGTT
 CCCTGTACATACCAAGGTGACCACAGTCCACATGGGCAACTACACCTGCCACGCCTTGGGCCATGAGCA
 GCTGGTCCAGACCCAGTCTGCAAGTGAATGTGCCACCACTCATTCTGTCTATCCAGAAACCCAGGCA
 CAAGAACCTGGGTGGCAGCCAGCCTTCGATGCCATGCTGAGGGCATCCCCCTGCCAGAATCATTTGGC
 TGAAAAACGGCATGGATGTCTCAACCCAGATGTCCAAACAGCTCTCCCTCTTGGCCAATGGAAGCGAACT
 TCACATCGGCAGTGTCCGCTATGAAGACACCGGAGCATATACCTGCATTGCCAAGAATGAAGTGGGTGTG
 GATGAAGATATCTCTCACTCTTCATTGAGGACTCTGCTAGGAAGACATTGGCAAACATCTTGTGGCGGG
 AAGAAGGCCTCAGCGTGGGAAACATGTTCTATGTCTTCGCTGAGGATGGCATCGTTGTATCCACCTGT
 GGACTGTGAGGTCCAGAGACGCTTGAAACCTACAGAGAAGATCTTCATGAGTTATGAAGAAATCTGTCT
 CGTGTGGAAGGAGATGCTACCCAGCCATGCCAGTGGGCTCTGCAGTCAACGTGAGAAACCGGTACATCT
 ACGTGGCCAGCCAGCACTGAACAGGGTCTTGTGGTGCAGCTTCAAGCCAGAAGGTCTACAGTCCAT
 AGGTGTGGACCTCTGCCAGTCAAGCTGTCTATGACAAGTCAATGACCAAGTGTGGGTCTGAGCTGG
 GGAGACATGCACAAGTCCCAACCAAGCCTACAGGTGATCAGAGAAGCCAGCACTGGCCAAGGCCAGCACC
 TCATCCGAACACCGTTTGCAGGAGTGGACAATTTCTTTATACCGCAACAAATCTCATCATCAACCATAT
 CAGGTTTGGCTTCATCTTCAACAAGACTGACCTGCTGTGCCAAAGTTGACCTGGAGACTCTGATGGCA
 CTGAAGACAATACGCCTACGTCACTACGGCTGCATGCCTCAGGCCATGGCACACACCCACCTTGGTGGCT
 ACTTCTTCGTGCAAGTGTCAACAGGACACACCTACCTCCACCGCCACAGCTGCTCATTGACAGTGTAC
 AGACTCGGTGCTAGGCCCAACAGTGATATCACAGGCACGCCACAGTGTCCCCTGACGGACGCTTCATC
 GTCAGTGTCTCAACAAGGGCCCTGGCTGCAGTGCAGGAGTCAAGTGCAGGGGGGAAATCCAGACGC
 TATACGACCTAAAAATAAACCCAGGCATCTCCGACTTGGCATTCCAGCATTCTTCACAGAAGGTAGTCA
 GTACAACGCTATGCCACTCTGACAAGGAGCCAGACCTGCTCTTCTGGAGCTGTCCACTGGGAAGATG
 GGCAGGCTGAAGAACTTAAAGGAGCCACCCAGAGGGCCAGCCCAACCTGGGGTGGACCCCGCAGAGTCC
 TGAGAGACAGCGGCTCTTTGGACAGTACCTCCTCACACCAGCTCAAGAGTCACTGTTCTGGTCAATGG
 GAGACAAAACGCCCTGAGGTGTGAGTTTCAGGCATAAAGGTGCGGCCACAGTGGTGTGGTGGGGAG
 GTATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_177059
Insert Size: 2526 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_177059.3, NP_796033.2</u>
RefSeq Size:	3117 bp
RefSeq ORF:	2526 bp
Locus ID:	320027
UniProt ID:	<u>Q5STE3</u>
Cytogenetics:	11 B1.3