

Product datasheet for **MC229038**

FstI5 (NM_001253719) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FstI5 (NM_001253719) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	FstI5
Synonyms:	9130207J01Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC229038 representing NM_001253719
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTAGGTGCTGGTCTGCCATTTTGATTCTTGGATTATCTTTCTGGCATCTGAAGGGAGGCCAACAA
 AAGAATCAGGATATGGCCTTAAATCCTATCAACCTCTTACAAGATTGCGACATAAGCAGGAAAAAGTCA
 AGAAAGTTCAAGAATCAAGAATTTCTAATTCATGATGGACCATTGGATCTTGTGAAAAAAGTACTGT
 GGCTTGGGGAGGCACTGTGTTATCAACAGAGAGACAAGGCATGCGGAGTGTGCCTGCATGGACCTTTGTA
 AACAGCACTACAAACCTGTGTGGATCTGATGGGGAATCTATGAAAACCACTGTGAAGTGCACAGAGC
 TGCCTGTCTTAAAAAGCAAAAGATCACCATCGTTCACAATGAAGACTGCTTCTTTGAAGGGGACAACTGC
 ATGGCCATTGAATACAGCAAGATGAAAAGTATGCTTTTAGACTTACAAAATCAAAAGTATATTACACAAG
 AAAATGAGAATCCCAACAGTGATGACATATCTAGGAAGAAGCCGTTGGTGGATCAAAATGTTCAAGTATT
 TGATGCAGACAGTAATGGACTTGTAGATATTAATGAACTAACTCAGGTGATTAACAGGAGGAATGAAC
 AAGGACCTTTCTGACTGTACTTTGTATGATCTGCTCAAGTATGATGACTTCAACGCTGACAAGCACCTGG
 CTCTTGAAGAATCTACAGAGCATTTCAGGTGATCCAGTTGAGTCTGCCTGAAGATCAGAGAGTAAGCAT
 TACCGCAGCCACTGTGGGGCAGAGTGTCTTCTGAGCTGTGCCATTGTGGGAACGCTGAGACCCCTATC
 ATATGGAAGAGGAACAACATTGTTCTAAATAATTTAGATTTGGAAGACATCAATGACTTTGGTGTATGATG
 GGTCCCTGTATATTACCAAGGTTACCACAGTTCACATGGGAAATTATACATGCTATGCAGATGGCTATGA
 AAATGTCCGTGAGACACACATCTCCAAGTGAATGTTCTCCAGTTATCCGAGTGTATCCAGAGAGTCAG
 GCCAGAAACCTGGTGTAACTGCAAGCCTTAGGTGCCATGCCGAGGGCATTCCAGACCCCTCAGCTGGCT
 GGCTGAAAGAATGGGATTTGACATTACACCGAAGCTCTCCAAACAGCTCACACTTCAAGCAAATGGCCATGA
 GGTCACATAAGCAATGTCCGTTATGAAGATACAGGAGCATACACGTGCATTGCTAGGAATGAAGCCGCT
 GTGGATGAAGACATCTCTCTCTTTTGTGGAAGATTCTGCTAGGAAGACACTAGCTAACATATTATGGA
 GAGAAGAAGTCTGGGAATTGGGAACATGTTCTATGTTTTTATGAAGATGGAATCAAAGTGATACAACC
 CACGGAATGTGAATTTCCAGAGGCACATTAAGCCCAGTGAAGGCTCCTTGGATATCAGGATGAAGTCTGT
 CCCAAAGCAGAAGAGGATGAAGTGCAGAGATGTGTGTGGGCATCTGCTGTTAATGTCAAAGACAAGTTCA
 TTTATGTCGCTCAGCCAACCTTTGGACAGAATCTTGATTGTTGATGTGCAATCCCAAAGGTTGTTACGGC
 AGTGAGTACAGATCCTGTACCAGTTAAATTACACTACGACAAGTCACATGACCAAGTCTGGGTGCTGAGC
 TGGGGCAGCATGGAGAAGACATCAACACTCTACAGGTGATCACTCTGGCCAGCGGGAATGTGCCACACC
 ACACCATCCACACTCAGCCAGTTGGGAAACAGTTTGACAGAGTGGACGATTTTTTTATTCCAACCTCAAC
 ACTTATTACTCACATGAGATTTGGGTTTATTCTTATAAAGATGAATCTGCACTACAAAAATTGAT
 CTCGAAACCATGTCTACATCAAAACAATTAACCTGAAGGACTCACGATGCATTCCTCTATCCTTGGCAT
 ACACCCATCTGGGAGGATACTACTTCAAGCTGCAAGGCTGACATCACCGGAGCTACTCCACCACAGCT
 CGTGGTAGACAGTGTGACTGACTCTATCATTGGCTTCAATAGCGATGTGACGGGCACTCCTTATGTCTCT
 CCAGACGGACACTATCTGTGAGTGTAAATGACGTGAAAGGCTTGTGACAGTCCAATATATCACCATCC
 GAGGAGAGATTCTGGATGCTTTTGACATCCACCAACCTACATATATCTGACCTGGCCTTCCAGCCATC
 TTTCACAGAAGCCACCAGTACAACATCTATGGCAGCTCAAGCCAACAACAGATGTACTTTTGTGGAG
 CTTTCTCTGGGAAGGTCAAGATGATCAAAAGCCTCAAAGAACCCTCAAGACAGAAGACTGGCCCTGGA
 GCCAGAAAAACAGGCACATCCAAGGCAAGTGGCCTGTTTGGACAGTACCTGATGACACCTTCAAAGATTC
 TCTCTTATCCTGGATGGTGCCTTAATAAATAAAGTGTGAGATCACTGAGGTTGAGAAAGGAAATACA
 GTTGTGGGTTGGCGATGCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001253719
Insert Size: 2544 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001253719.1, NP_001240648.1</u>
RefSeq Size:	4560 bp
RefSeq ORF:	2544 bp
Locus ID:	213262
UniProt ID:	<u>Q8BFR2</u>
Cytogenetics:	3 E3