

Product datasheet for **RN217260**

FstI5 (NM_001271195) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FstI5 (NM_001271195) Rat Untagged Clone
Tag:	Tag Free
Symbol:	FstI5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217260 representing NM_001271195
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTAAGTCTGGTACAGCCGTTTTGATTCTTGGATTATCTTCTGGCTTCTGAAGGGAGGCCAACAA
 AAGAATCAGGATATGGCCTTAAATACTATCAACCTCTCACAAGATTACGACATAAGCAGGAAAAAGTCA
 AGAAAGTTCAAGAATCAAGAATTTCTAATTCACGATGGACCTTTTGGATCTTGTGAAAAAAGTACTGT
 GGCTTGGGGAGGCACTGTGTTATCAGCAGAGAGACAAGGCACGCTGAGTGTACGTGCATGGACCTCTGCA
 AACAGCACTACAAACCTGTGTGGATCTGATGGGGAATCTATGAGAACCCTGTGAAGTGCACAGAGC
 TGCCTGCCTGAAAAAGCAAAAGATCACCATTGTTACAACGAAGACTGCTTCTTTAAAGGAGACAACTGC
 ATGACAACCTGAATACAGCAAAATGAAAAGTATGCTTTTAGACTTACAAAATCAAAAGTACATTACACAAG
 AAAATGAGAATCCCAACAGCGATGACATTTCTAGGAAGAAGACGTTGGTGGATCAATGTTCAAGTATTT
 TGATGCAGACAGTAATGGACTTGTAGATATTAATGAACTAACTCAGGTGATTAACAGGAGGAACCTGAAC
 AAAGACCTGTCTGACTGTACGTTGTATGATCTGCTCAAGTATGATGATTTCAATGCTGACAAGCACCTGG
 CTCTTGAAGAATCTACAGAGCATTTCAGGTGATCCAGTTGAGTCTGCCGAAGATCAGAGAGTAAGCAT
 TACCGCAGCCACCGTGGGACAGAGTGTGTTCTGAGCTGTGCCGTTGTGGGAACACTGAGACCCCTATC
 ATATGGAAGAGGAACAACATTGTTCTAAATAATTTAGATTTGGAAGACATCAATGACTTTGGCGATGATG
 GGTCTTATATATACCAAGGTTACCACAGTTCATATGGGAAATTAACCTGCTATGCAGATGGCTATGA
 AGATGTCCATCAGACACACATCTCCAAGTGAATGTCCCTCCAGTCATCCGAGTGTATCCAGAGAGTCAG
 GCCAGAGAACCTGGGGTAACTGCAAGCCTGAGGTGCCATGCAGAGGGCATACCGGACCCCTCAGCTGGGT
 GGTGGAAGAATGGAATCGATATTACACCAAGCTCTCCAACAGCTCACGCTTCAAGCAATGGCCGATGA
 GGTCCACATAAGCAATGTGCGTTATGAAGATACAGGAGCATACAGTGCATTGCTAGGAATGAAGCCGGT
 GTGGATGAAGACATCTCTCTCTTTTTGTGGAAGATTCTGCTAGAAAGACACTAGCTAACATATTATGGA
 GAGAAGAAGTCTGGGAATGGGAACATGTTCTATGTGTTTTATGACGACGGAGTCAAAGTGATACAACC
 CACGGAATGTGAATTTACAGAGGCACATTAAGCCCAGTGAAGGCTCCTTGGATTTCCAGGATGAAGTCTGT
 CCCAAAGATGAAGAGGATGAAGTGCAGAGATGTGTTGGGCTTCGGCTGTTAATGTCAAAGACAAGTTCA
 TTTATGTTGCTCAGCCAACTTTGGATAGAATCTTGATTGTTGATGTGCAGTCCCAAAAAGTTGTTACGGC
 AGTGAGTACAGACCCTGTACCAGTTAAATTACACTACGACAAGTACATGACCAGGTCTGGGTGCTGAGC
 TGGGGCAGCATGGAGAAGACATCGCCAACCTTACAGGTGATCACTCTGGCCAGCGGGAATGTGCCTCACC
 ACACCATCCACACACAGCCTGTCCGGAAACAGTTTGACAGAGTGGATGACTTTTTTCAATCCACCCCAAC
 ACTTATTACTCACATGAGATTTGGATTTATCTTCTATAAAGATGAATCTGCACTACAAAAATTGAT
 CTCGAAACCATGTCTACATCAAAAATTAGCCTGAAGGACTCAAAGTGCATTCCTCTGTCTTGGCAT
 ACAGCCATCTGGGAGGATACTACTTCAATAGCTGCAAGCCTGACATCACTGGAGCCATCCACCACAGCT
 TGTGGTGGACAGTGTGACTGATTCTATCATTGGCTCCAACAGTGTGACAGGCACTCCTTACGTCTCT
 CCAGACGGACACTATCTTGTGAGTGAATGATGTGAAAGGCTTGTGACAGTCCAATATATCACCATCC
 GAGGAGAAATCCTGGATGCCTTTGACATCCACCAACCTGCACATATCTGACCTGGCCTCCAGCCATC
 CTTACAGAAAGCCACCAGTACAACATCTACGGCAGTTCAAGCCAACAACAGATGTGCTTTTGTGGAG
 CTGTCCACTGGGAAGGTCAAGATGATCAAAAGTCTCAAAGAACCCTCAAGACAGAAGACTGGCCCTGGA
 GTCCGAAAAACAGGCACATCCAAGGCAAGTGGCCTGTTTGGACAGTACCTGATGACCCCTCAAAGATTC
 TCTCTTCACTGGATGGTCGCCTTAATAAGTTAACTGTGAGATCACTGAGGTTCAAGAAAGAAATACA
 GTTGTGGGTTGGCGATGCC**TAA**

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001271195
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_001271195.1, NP_001258124.1</u>
RefSeq Size:	5095 bp
RefSeq ORF:	2544 bp
Locus ID:	365823
Cytogenetics:	2q32