

Product datasheet for **RN207787**

Fen1 (NM_053430) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fen1 (NM_053430) Rat Untagged Clone
Tag: Tag Free
Symbol: Fen1
Synonyms: FEN-1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207787 representing NM_053430
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGAATTCAAGGCCTTGCCAACTAATTGCTGATGTGGCCCCAGTGCCATCCGTGAGAATGACATCA
AGAGCTACTTTGGTCGAAAGTGGCCATTGATGCCTCCATGAGCATTACCAGTTCCTGATTGCTGTTCCG
TCAGGGTGGGACGTACTGCAGAACGAGGAGGGGAGACCACCAGCCACCTGATGGGCATGTTCTACCGT
ACCATCCGCATGATGGAGAATGGCATCAAGCCGGTGTATATCTTTGATGGCAAACCACCAGCTGAAGT
CGGCCAGCTGGCCAAACGCAGTGAGCGCGTGCAGAGGCCGAGAAGCAGCTGCAGCAGGCTCAGGAGGC
GGGGCAGAGGAGGAGTGGAAAAGTTCACCAAGCGGCTTGTGAAGGTCACCAAGCAACAACGATGAG
TGCAAACCTGCTGAGCCTCATGGGCATCCCATACCTTGATGCGCCAGCGAGGAGGAGGCGAGCTGTG
CTGCCCTGGCAAAGGCTGGCAAAGTCTATGCCGACCCACGGAGGACATGGACTGCCTCACTTTTGGCAG
CCCCGTGCTAATGCGACACTTAAGTCCAGTGAGGCCAAGAAGCTGCCATCCAAGAGTTCACCTGAGC
CGCGTCTGCAAGAGCTGGTCTGAACCCAGGAGCAGTTTGTGGATCTGTGCATCCTGCTGGTAGCGACT
ACTGTGAGAGTGTCCGTGGCATTGGACCAAGCGGGCTGTGGACCTCATCCAGAAGCACAAGAGCATCGA
GGAGATCGTGAGGCGGCTGGATCCAGCAAGTACCCTGTTCCGAAAAGTGGCTCCACAAGGAAGCCCGG
CAGCTCTTCTGGAGCCGGAAGTGTGGACCCAGAGTCTGTGGAGCTGAAGTGGAGTGAGCCAAACGAAG
AAGAGTTGGTCAAATTTATGTGCGGTGAAAAGCAGTTTCTGAAGAGCGGATTCTGAGTGGGGTCAAACG
GCTGAATAAGAGCCGCCAAGGCAGCACCCAGGGACGCCTAGATGATTTCTCAAGGTGACAGGCTCACTC
TCCTCAGCCAAGCGCAAGGAGCCAGAGCCCAAGGGCCTGCCAAGAAGAAAGCAAAGACTGGGGCAGCAG
GGAAGTCCGAAGGGGAAAATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_053430
Insert Size:	1143 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:	<u>NM_053430.1</u> , <u>NP_445882.1</u>
RefSeq Size:	2192 bp
RefSeq ORF:	1143 bp
Locus ID:	84490
UniProt ID:	<u>Q5XIP6</u>
Cytogenetics:	1q43
Gene Summary:	removes RNA primers during Okazaki fragment maturation in DNA synthesis [RGD, Feb 2006]