

Product datasheet for **RN206583**

Fap (NM_138850) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fap (NM_138850) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fap
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206583 representing NM_138850
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGACATGGCTGAAAACCGTCTTTGGAGTCACTACTTTGGTTGCGCTTGCTCTAGTGGTGATATGCA
 TTGTCTTACGTCCCTCAAGAGTTTACAGCCCTGAAGGCAACACAGGAAGATCTCTTACCCTGAAGGATAT
 TTTAAATGGAACATTCTCCTATAAAACATATTTCCAAACTGGATTTTCAGAGCAAGAATATCTTCATCAA
 TCTGAGGATGATAACATAGTCTTTTATAATATTGAAACAAGAGAATCCTATATCATTGAGTAATAGCA
 CCATGAAAAGTGTGAATGCTACAGACTATGGCCTGTCACCTGATCGGCAGTTTATATCTTGAAAGTGA
 TTATTCAAAGCTCTGGCGATATTCATACACAGCGACATACTACATCTACGACCTTCAGAATGGGGAATTT
 GTAAGAGGATACGAGCTCCCTCGTCCAATTCAGTATCTGTGCTGGTCTCCCGTTGGGAGTAAATTAGCAT
 ATGTCTATCAAAACAATATTTATTTAAAACAAGACCAGGAGATCCACCTTTTCAAATAACTTACTCTGG
 AAGAGAAAATAGAATATTTAATGGAATTCAGACTGGGTTTATGAAGAGGAAATGCTTGCTACAAAATAT
 GCCCTTTGGTGGTCCCGAGATGGAATAATTTGGCATATGTAGAATTTAATGATTCGGACATACCAATTA
 TTGCCTACTCGTATTATGGCGATGGACAGTATCCTAGAACTATAAATATTCATACCCGAAGGCCGGAGC
 TAAGAATCCCATTGTTCTGTCTTTATTGTTGACACTATCTACCCACACCATGTGGGTCCTATAGAAGTA
 CCAGTTCAGAGATGATAGCCTCGAGTGACTACTATTTACCTGGCTCACATGGGTGACCAACGAACGAG
 TATGTTTCAGTGGCTAAAGAGAGTGCAGAATGTCTCAGTCTGTCTATATGTGATTTTCAGAGAAGACTG
 GCATGCGTGGGATTGTCCAAAGAACCAGGAGCATATTGAAGAAAGCAGAACAGGATGGGCTGGTGGATTC
 TTTGTTCCACACCAGCTTTTAGCCAGGATGCCGCTTCATACTACAAAATATTTAGCGACAAGGATGGTT
 ACAAAACATATTCACTACATCAAAGACACTGTGGAAAATGCTATTCAAATACAAGTGGCAAGTGGGAGGC
 CATATATATATTCGAGTAACACAGGATTCAGTGTATTTATTCTAGCAATGAATTTGAAGGTTACCCTGGA
 AGAAGAAACATCTACAGAATTAGCATTGAAAACCTCCTCCGAGTAAGAAGTGTGTTACTTGCCATCTAA
 GGAAAGAAAGGTGCCAATATTACACAGCAAGTTTCAGCTACAAAGCCAAATACTATGCATCATCTGCTA
 CGGCCCTGGCCTCCCGATTTCCACCCTCCATGATGGCCGCACAGACCAAGAAATACAAGTATTAGAAGAG
 AACAAAGAAGTGGAGAACGCTCTGAGAAACATCCAGCTGCCTGCAGTGGAAATTAAGAAGCTTGAAGACG
 GTGGAATGACTTTCTGGTACAAGATGATTCTTCTCCTCAGTTTGACAGATCAAAGAAGTACCCTCTGCT
 AATTCAAGTGTATGGTGGTCCCTGCAGCCAGAGTGTAAAGTCTGTATTCTCTGTTAATTGGATAACTTAT
 CTTGCAAGTAAAGAGGGGATAGTCGTTGCCTTGGTAGATGGCCGGGCACTGCTTTCCAAGTGACAAT
 TCCTGCATGCCGTGTATCGAAAGCTGGGTGTGTATGAAGTTGAGGACCAGCTCACAGCTGTGAGAAAAT
 CATAGAAATGGGTTTCATTGATGAAGGAAGAATAGCCATATGGGGATGGTCTACGGAGGTTATGTTTCA
 TCCTAGCCCTTGCCTCCGGAACCTGGCCTTTTCAAATGTGGTATAGCAGTGGCTCCAGTCTCCAGCTGGG
 AATACTACGCCTCTATCTACACGGAGAGATTATGGGCCCTCCCAACAAAGGATGATAATCTTGAACACTA
 TAAAAATCAACTGTGATGGCAAGAGCAGAATATTTAGAAAATGTAGACTATCTTCTCATCCACGGAAACA
 GCAGATGATAATGTGCACTTTTCAAGACTCAGCACAGATTGCTAAAGCTTTGGTTAACGCACAAGTGGATT
 TCCAGGCGATGTGGTACTCTGACCAGAACCATGGCATATCATCTGGGCGCTCCAGAACCACTTATACAC
 TCATATGACGCACTTCTCAAGCAATGCTTTTCTTTATCAGACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_138850

Insert Size: 2286 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_138850.1, NP_620205.1</u>
RefSeq Size:	2293 bp
RefSeq ORF:	2286 bp
Locus ID:	192203
Cytogenetics:	3q21
Gene Summary:	plays a role in liver disease, T cell costimulation, chemokine biology, type II diabetes, and tumor biology [RGD, Feb 2006]