

Product datasheet for **RN217264**

Fancb (NM_001192003) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fancb (NM_001192003) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fancb
Synonyms:	RGD1561555
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217264 representing NM_001192003
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGCCATTTAATGAGCAAGCAAAGTTCTGTGCTATAATGGGGAAGTCCTGTTTTTCAGTTGTCTGGAG
 GAGAGTTTGCAGATTTAGAAAAGCCTACAGATCCATCTGTCTTAGGTGTCAAAGGATGATTTTGACAG
 AGAAACTAGTACATTCCTTCTGATATCCACAGTTTTTTTAAACATCAATGAGAAAGATTCTCATTTAAAA
 ATTCTGTGTTGAACTGTGTGTCAGATTTCAGAACTAGAATTAACCTTCCTTGCAATTTGATACAATGTA
 GAAAATACAATAGCAAAGCTTTCAAATATTATATACTGTTTCTTCACAGTCCCAACCAAGTTGAAAAACT
 TTTGAGTTTTGAACTAAACCATGCATTGGACGAGAGGGCAAAGATCTTTGATGGCCCTATAGTTTTTTGG
 CAATATCTCAATCAATTCTTCTATATCTTCCGAAATGGGAAAGTTACTAATATATCAGTTAGCCTTT
 CCTCAATCGAGTGGATAGGTGAGATTGAAAATTTTGGCTTAGGTTTCTGGGGCTAGCAGATCCATCTGG
 GGATAAATATAAATGTACCCGCAAGCTTTCAGAATCAGATTATGAATTTTCCAATTCAGCTTTTGTGCA
 TATGCTCTTAAAGTCAAGAAATGTTAAGCAATAGTTACCTGATCCCTCTGGCTTACAGTACTGTGGTAA
 CTCGTGTGCATGTCTGTGCAGCCGAGATGGTGAACAAGCAGTTAAAAATGTCTCTGATTGCCCTGACGCG
 AAAGAATCAGCTTATTTTGTCCAGAATGGCATTCCCGTAAGAAGTTGTGAGCTTCCATTCTAGATCCC
 CGTTCAGTTCAAATCTAGATGCAGGGAAGAAACCGATTTTTCATCGTGTCAATTCCTGTCCAAGGCTT
 GCGCTGTTTCAGAAAAGAAATTTAAGGTTGTGGCTAAGTGGGAACAACCTAGCTTGGTACTGGTTAATGA
 CTTTGTGAGGTTGGAAGTGAAGCAAGTCTGGTGGTCTTGGAGTCTCTGGATGCAGATCAGCTGACC
 TCATTTACAGTAACAGATTTTGTCAAAATATGGTATTCAACCAAACTGGATTGCTGTGAAGACCCTC
 TGGCTGAAGAGGAACATGAAATTTATTTGGTCTTCCAGCACTGGAAGCCCAATTAGACAATTTCTTT
 TATTTTTCTTAAACCAATTCAGCAGCATATCTCATTTAAGGATAAATTTATTGCAAACTCTTGGAAAGGCT
 CTTTTAACTCAGTTTATGGGAACGTTGATAGTATGCCAAGTGAAGGAGGTACAGTTAGAACAGGGTG
 GTCTTGTTCCTTCTGTGATGAAGATGAAACAGTGTCCCTACCCCTGAGGAAAACCTTACCAGACAATTT
 TCCAGAGCCAGAACATGTTATAGAGCAGACATGGTGCCATGTGCTAGATGATGACTTAGTTGTTGGCGTG
 AAAGTCACATCTTTGAAGCCGCTGATGGGATGACTTTATCACTGATAATGGATCAAGCCAACAGGTCCA
 GTTTTCATCTTATGAAGTGTCAAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGT
 GTTGTCAAAGGAAACAGGACCAGAGATCAAAGGATGAAGCTGACCTCTGGTAGCCAGGAAGAGGAAAGC
 TCTTTTTCGGGACAGTCAGCTAAGGCAGAATCTACATACGTAATCACTGTCTATAACGTCTCTTTCTCCAC
 TGTTAGTATTCAACAAATTTGCTTGCAGTGTGCTGCTAAACGTTAGTGACAGAGATAACCCATAAAATAC
 TGTGCATGATTATGTTTTCTGTGGCCACCTTGATTTTAACTGCAAGATCTTTTTAGTAAGAACCACCTA
 CTGGCATTCCCGAAGAAGCAATCAATAGAACAGACGGAGAATCTTTTTCACTTCTCACAGCATTGCCCA
 AGTATGCCTTCTGTGTCACGTACCTACCCATGCCCCCAATTTAATGAAGGTATGGCTCTTAAACACAT
 GAAATGTGCAAAATCCAAGAATGCACAGAAATATACCTTTATAAAAGCTACGAAATTTGTAAGCACTC
 TTCTCTGGGAGCAGAGAACAGCATTGAAGGAATTTAACAATATATTGCAGGAGCCTAGGAGTTTTGT
 TCCAGTGTCTCGACCATCTCATCAAAGTATTCTGAAATATGTTCTTCAAATATCTGAGGTTTGAAAA
 TGAGGATTTCTTAGTTGATCATTTGTCACTCCACTTTGGAGGCAGAACTGGTTACCTTTTGCTCTGTTTCT
 ACTTCTGCCTTCGAGTATGTTAGAGGTGGATGTATGTATAACTGTAGCACAAGCAAAACAGATAATAGGG
 CCACGACTTTTTCAGGGAGAAGGCCAAAATCCGTCACTACAAGCGCAAGTTTCAGAGAGAAAAATATT
 GAAGCACCTGAATAGGACAGTAAATGTCAGCAGCTATGCCGAGATGACTTTGGCATTAGCTGAGATACAG
 TTGCGATCAGACCTCATTGTAAGACACTGACTGATTT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001192003

Insert Size: 2562 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:	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_001192003.1, NP_001178932.1</u>
RefSeq Size:	2657 bp
RefSeq ORF:	2562 bp
Locus ID:	501552
Cytogenetics:	Xq14