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Product datasheet for MC222079

Fancb (NM_001146081) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fancb (NM_001146081) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fancb
Synonyms:	BC022692
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin

View online »

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Fully Sequenced ORF:

>MC222079 representing NM_001146081
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCATTTAATGAGCAAGCAAAGTTCTTGTGCTATCATGGGGAAATCCTTGTCTTTCAGTTGTCCAGAG
GAGAGCGTGCAGATTTAGAAATGCCTACAGATCCACTGGTCTTAGGTGTCAAAAGGATGATGTTTGACAG
AGAAACTAGTACATTCCTTCTGATATCCACTGTTTTTTTAAACATCAACGAAAAAGATTCTCATTTAAAA
ATTCTGTGTTGTAACTGTGTGTCCGATTTGAGAACTAGAATTAACCTTCCTTGCGTTTTGATACAATGTA
GAAAGTACAATAGTGAAGCTTTCAAATATTGTATCCTGCTTCTTCACAATCTCAACAGAGTGGAGAGACT
TTTGAGTTTTGAACTAAACCATGCATTGGATGAGAACACAAAGATCTTTGACGGCCCTATAGTTTTCTGG
CAGTATCTCAACCAGTTCTTCTATATCTCTTCTGCAATTGGGAAAGTTACTACTATATCACTTATGCTTT
CCTCTATTGAGTGGATCGGTGAGATTGAAAACTTTGGCCTAGGTTTCTTGGGGCTAGCAGAACCATCTGA
GGATAAATGTACCCAGAAGCTTTCAGAATCAGACTATGAATTTTCCAATTCCAGCCTTTGCGCATATGCT
CTTAAAAGTCAAGAAATGTTAAGCAATGGTTACCTGATCCCTCTTGCTTACAGTACTATGGTAACACACG
TGCATGTCTGGGCGGCGGAGATGGTTGACCACCAGTTAAGAACATCTCTGATTGCCCTGACTCGAAAGAA
TCAGCTCATTTTGTTTCAAAATGGCATTCCTGTAAGAGCATGTCAGCTTCCATTTCCAGGTCCCCGTTCA
GTTCAGATTCTAGATGCAGGGAAAAGAAACCGATTTTTCATCGTGTCATTCCCGTCCAAGGCTTGTGCTG
TTTCAGAAAAGAAATTTAAGGTTGTTGCTAAGTGGGAACAACTTAGCTTAGTACTGGTGAATGACTTTGC
TGGAGTTGGAACTGAACAAGTACTGGTCGTTTTTGAGGACTCTCTGGATGCAGATCAGCTGACCTCATTT
ACAGTAACAGATTTTGTCAAAATATGGTATTCAACCAAACCACTGGATTGCTGTGAAGACCCTTTGGCTG
AAGAGGAGCATGAAAATTATTATTTGGTGCTTCCAGCACTGGAAGGCCAATTAGACAATTCTTTTATTTT
TCTTAACAAAATCCAGCAGCATATCTCTTTTAAGGATAAATTTATTGCAAAGTCTTGGAAGGCTCTTTTA
AACGCAGTTTATGGGAAAGGTGACAGTCTGCCAAGTGATGAAATGGTTAAGTTAGACCAGGACGGTCTTG
TTCCTTTCTGTGATGAAGGTGAAGACAGTGTCCCTACCCCTGAGGAAAACTTACCAGACAATTTTCCAGA
GCCAGAACATATTGTAGAGCAGACATGGTGCCATGTACTAGATGATGACTTAGTTGTGGGCGCAAAAGTC
ACATCTTTGAAGGAATCTAATGAGATGACTTTATCACTGATAATGAATCAAGGCAACAGGTCCAGTTTTC
ATCTTATGAAGTGTCACAGTCAGGTGATTAGTTTGAGTATGAATTCTTTTCCAGAAGCATACTTGATGTC
AAAGGAAGCAGGACCAGACAGCGAAAGGATGCAGCTGGTCTCTAGTAGCGTGGAAGCGGAAAGCTCTTTT
TGCGGCCAGTCATCCAAGGCAGAGTCTACACGCATAATCACTGCTGTAACGTCTCTTTCACCACTTCTAG
TGTTCAACCAATTGTGTTGCACTGTGCTGCTAAACATTAGTGACAGAGATAATCCTAAAGCTACTGTGCA
TGATTATATTGTCTGTGGCAACCTTGATTTTAATCTACAAGATCTTTTTAGTAAGAACCACCTCCTGGCA
TTCCCAAAGAAGGAATCAGTAGAACATACAGAGGATCTTTTTTCACTTCTTGGAGTATTGCCCAAGTATC
CCTTCTGTGTCACATCACCTACCCATGCCCCGAATTTTATGAAGGTATGGCTCTTGAAACACATGAAATG
TGAAAGAATTCAAGAATGTACAGAAATATACCTTTATAAAAAGCTACGAAATTGTGGAGCACTCTTCTCC
TGGGAGCAGAGAACAGCATCTGAAGGAATTTTAACAATATATTGCAGGAGCCAAGGAGTTTTGTTCCAGT
GTCTCGACCATCTCATCAAAGTTCTCCCTGAAATATGTTCCTTCAAATATCTGAAGGTCGAAAATGAGGA
TTTCTTAGTTGATCATTTGTCATCCACTTTGGAGGCAGAACTGGTTACCTTTTGTTCAGTTTCTACTTCT
GCCTTCGAGTATGTTAGAGGTGGATATAACTGTAGAATAAGGAGAACAGATAATAGGGCCATGACATTTT
TAGGGAGAAGGGCCAAAATCCGTCAGTCCAAGCGCAAAGTTCAGAGAGAAAGGATACTGAAGCACCTTAA
TATGACAGTAAATGGCAGCAGCTATGCGGAGATGACTTTGGCGTTGGCTGAGATTCAGTTGAAATCAGAC
CTCATTGTAAAGACACTGGCCAATTTTGTAATTGCACTTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001146081

Insert Size: 2562 bp

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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:	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:	NM_001146081.1, NP_001139553.1
RefSeq Size:	2984 bp
RefSeq ORF:	2562 bp
Locus ID:	237211
UniProt ID:	Q5XJY6
Cytogenetics:	X F5
Gene Summary:	DNA repair protein required for FANCD2 ubiquitination.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).

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