

Product datasheet for MC218091

Fancc (BC038609) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fancc (BC038609) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fancc
Synonyms:	Facc; mir-3074-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC038609 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAAGAAGTTTGTCTTTTTACCAAAGTCTTGGATATGAGTCTATTGATTACTATCCTAGTTTGCTTA
AAAATATGGTTTTGTCTTAGTGTCTGAGCTCAGAGAGATCATCTTAATGGACTGAGCACTCAAAGTCC
GATGGCTCCTGAGCGCATGATGTCCTGTGAGAGTTTGTGTCCTCTTGTCACTCTGCCTGATATGGAA
CCCTGGTAGAGGCTCTACTCACCTACCATGGACATGAGCCCCAGGAAGTCTGGCTCCTGAGTTCTTCG
AAGCTGTAATGAGGCCTTCTTGTGCGAAAAAATTGTTCTACCCACGTCCTCTGTGGTCAGCCTCTGGTT
TCGGCATCTCCCCAGTCTTGAAAAAGCAACGCTGCATCTTTTTGAAAAGCTTTTTCTCCAGCAAGATAATT
TGCTGAGAAGGATGGAGTGTGTATAAGAGAGTCATTCTGCCTCAAGCAGCCTGCCAACCTGCCATCT
TCAGAATTGTTGATGAAATGTTCAAGTTTGTGCTGCTGGAAGTACGCGGAGCCCCAGAAGTACTAGCTGC
TCTTCAGTTTTTACATCGTGTGGTAGAAGCTCTGAAAAAGAAAACAAGCAGCTGACGTTTTGCCCTC
AGGACCTACTTTCTTACGGTGTCCATGTCTTGTGTCAGCGCTGTCCAGCACCTGAAGCAATCCCAC
AGGGACACCGGCTCCAGCCTCTGCTGCACATTTCCCAACTCCTCAGAGAAGCAGTTGAAGACTGTACTCG
TGGGTCTCCGCGAAATCCCTTTGAGAGCTGGTTTTTGTGTTTCACTTTGGAGGATGGGTTGACCTGGCT
GTGGCAGAGTTACTGCTGAGGGAGGAAGCTGAGCCTCCTGCTGGCCTGCTGTGGCTCTTGGTGTCTATT
ACAGCCCACAGGATGGGAGTCAAGAGAGAGAGCAGAGCATGGTGGAGCTGAAGGTATTAATCAACCGTCT
CCTGATGCTGCTCAGAAGCGGCCCTCTCAGCTACTGATCTGCAGGAAGCAGCTGAGAGTCCCAGTGGA
GACCCAGACCCTGTATGTGGACAGCTGGTCAGACGCCTTCTTCTAGTCTTGTCTGGACCCAG
AAGCCATGCAATTGTCTGGGAAGCTGTACCCATATGGCCACACGGATGCTGTAATCCATGAGATTAT
TGGTTTTCTTACCAGACCTGTACAGATCACAACATCTTGTGTTGAAGCCTCGAGAAAAGTGGCCAGA
GACCTCTAAAGGAGCTGCAAGCCAGGTCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Restriction Sites:	Sgfl-Mlul
ACCN:	BC038609
Insert Size:	1293 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:	BC038609 , AAH38609
RefSeq Size:	2337 bp
RefSeq ORF:	1292 bp
Locus ID:	14088
Cytogenetics:	13 32.8 cM
Gene Summary:	DNA repair protein that may operate in a postreplication repair or a cell cycle checkpoint function. May be implicated in interstrand DNA cross-link repair and in the maintenance of normal chromosome stability. Upon IFNG induction, may facilitate STAT1 activation by recruiting STAT1 to IFNGR1 (By similarity).[UniProtKB/Swiss-Prot Function]