

Product datasheet for MC203008

Fcna (NM_007995) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fcna (NM_007995) Mouse Untagged Clone
Tag: Tag Free
Symbol: Fcna
Synonyms: Fcn1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC019180
 CCACGCGTCCGCTTCACTTCGTTTCATCAGTGCCTCAGCCTCCGTCAGAGCCAGGGAGTCAAGGAGTGGC
 TGCTGTACCCAGAGCAATGCAGTGGCCTACGCTGTGGCCTTTTTCAGGACTGCTCTGTCTGTCCCTCC
 CAGGCCCTGGGTGAGAGAGAGGTGCCTGTCCAGATGTTAAGGTCGTAGTCTGGGGGCCAGGACAAGG
 TGGTTGTCATCCAAAGTTGCCCTGGCTTTCCTGGCCACCTGGGCCCAAAGGGGAGCCTGGAAGCCCTGC
 TGAAGAGGAGAACGGGGCTTTCAGGGCAGCCAGGAAAGATGGGACCTGCCGGCAGCAAAGGAGAGCCA
 GGAACCATGGGGCCCCGGGAGTTAAAGGGGAGAAAGGCGATACAGGAGCTGCGCCATCTCTGGGTGAAA
 AGGAGCTGGGAGACACCCTGTGCCAGAGAGGCCCGGAGCTGCAAAGACTTGCTGACACGGGGCATCTT
 CCTGACTGGCTGGTACCCATCCATCTTCCTGACTGCCGGCCACTGACTGTGCTCTGTGACATGGATGTG
 GACGGTGGGGCTGGACCGTTTTCAACGACGAGTGGACGGGTCTATCGATTTCTCCGAGACTGGGACT
 CCTATAAAGAGGCTTTGGCAACCTGGGCACGGAGTTCTGGTTGGGTAATGACTACCTGCACCTGCTCAC
 AGCCAATGGGAACCAAGAGCTCCGAGTTGACTTACAAGATTTCCAAGGAAAGGCTCCTATGCCAAGTAC
 AGCTCATTCCAGGTATCTGAAGAACAGGAGAAATACAAGCTGACCTTGGGGCAGTTTCTGGAGGGCACTG
 CAGGAGACTCCCTGACAAAGCACAAACATGTCAATTTACAACCCATGACCAAGATAATGATGCAAAATAG
 CATGAAGTGTGACGCTTTGTTCCATGGAGCCTGGTGGTACCACAACCTGCCACCAGTCCAACCTCAACGGG
 CGCTACTTGTCTGGCTCCCATGAGAGTTATGCGGATGGCATCAACTGGGGAACCTGGCCAAGGTCACCACT
 ACTCCTACAAGGTTGCCGAGATGAAAATCCGAGCATCTTAAGGTGCCCAAGTCTCCACCCAGCCTTTTCAG
 CCATGTCCAGGCCATGTGGGGACTGAAGGGAGGGATCTCTAGAAGTTGAAGTCTGTGTGCTTATCTAT
 TGTGGGCTCTTACACTCCCCTCTGGACTGTCCAGCCCTGACTACTATGCACTAATAAAGGTCAGAGA
 AGCAGAA

Restriction Sites: RsrII-NotI
ACCN: NM_007995
Insert Size: 1005 bp



[View online »](#)

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:	BC019180 , AAH19180
RefSeq Size:	1316 bp
RefSeq ORF:	1005 bp
Locus ID:	14133
UniProt ID:	O70165
Cytogenetics:	2 A3
Gene Summary:	Extracellular lectin functioning as a pattern-recognition receptor in innate immunity. Binds the sugar moieties of pathogen-associated molecular patterns (PAMPs) displayed on microbes and activates the lectin pathway of the complement system. May also activate monocytes through a G protein-coupled receptor, FFAR2, inducing the secretion of interleukin-8/IL-8. Binds preferentially to 9-O-acetylated 2-6-linked sialic acid derivatives and to various glycans containing sialic acid engaged in a 2-3 linkage (By similarity).[UniProtKB/Swiss-Prot Function]