

Product datasheet for **MC218918**

Fga (NM_010196) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fga (NM_010196) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fga
Synonyms:	Fi; Fib
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC218918 representing NM_010196
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGTCCCTGAGGGTCACCTGCCTCATCTTGAGCGTGGCCAGCACAGTCTGGACTACAGATACCGAAG
 ATAAAGGTGAATTCCTATCAGAAGGAGGAGGAGTACGTGGCCCAAGAGTTGTGGAGAGACATCAGAGTCA
 ATGCAAGGACTCAGACTGGCCCTTCTGCTCTGATGATGACTGGAACCACAAATGCCCTTCAGGCTGCAGG
 ATGAAAGGGTTGATTGACGAAGCCAACCAGGATTTTACAAACAGAATCAACAAGCTCAAAAACCTACTAT
 TTGACTTTCAAAGGAACAACAAGGATTCTAACTACTGACCAGGAATATCATGGAGTATTTGAGAGGGGA
 CTTGCGGAATGCCAACAACTTTGATAACACTTATGGGCAAGTGTGAGAAGACCTGAGGCGCAGAATTGAG
 ATCCTGAGGCGAAAAGTCATAGAGAAAGCGCAACAGATTAAGCTCTGCAGAGCAATGTCCGGGCTCAGT
 TGATAGACATGAAGCGCCTGGAGGTGGATATTGATATCAAGATCCGCTCTTGCAAAGGGTCTGCAGCAG
 GGCTGTA AACCGTGAGATAAATCTACAGGACTATGAAGGTCACCAAAAACAGCTTCAACAGGTCATCGCT
 AAAGAATTGCTTCTACAAAAGACAGGCAGTACTTGCCAGCACTAAAAATGTCTCCAGTTCCCGACTTGG
 TTCCCGGAAGTTTTAAGAGCCAGCTTCAGGAGGCCCTCCAGAGTGGAAGGCATTAACAGAAATGCGGCA
 GATGAGAATGGAGCTGGAGAGACCTGGGAAGGATGGGGTTTCGCGAGGAGATTACCAGGAGACTCGCGG
 GGAGATTCTAGAGGGGACTTTGCAACACGTGGACCAGGGTCAAAGGCAGAAAACCCACGAACCTGGAC
 CTGGTGGATCTGGGTATTGGCGTCTGGGAACTCCGGGTCTGGAAGTGTGAAAATCGGAACCTGGGAC
 CACGGGTCTGATGGCACTGGAGACTGGGTACCGGAAGCCCTAGACCTGGCTCAGACTCTGGGAACTTT
 AGGCCTGCCAACCTAACTGGGGTGTGTTTTAGAGTTTGGAGACAGTAGCAGCCAGCCACAAGAAAAG
 AGTATCACACAGGTAAGCGGTCACTTCTAAAGGAGATAAAGAGCTCCTGATTGGAAGGAGAAAAGTCA
 CTCTTCTGGCACAAGCACACACATCGTTCATGCTCTAAAACCATTACCAAGACTGTCACAGGTCCTGAT
 GGTGCGCGAGAAGTGGTCAAAGAAGTGATCACCTCGGATGATGGCTCAGACTGTGGCGATGCCACCGAGT
 TAGACATATCCACAGTTTTAGCGGCAGTCTCGACGAACTCTCTGAAAGGCATCTGACCTTTCTGGGT
 TTTTGACAACCACTTTGGTTAATCTCACCTAACTTCAAAGAATTTGGCAGTAAGACCCATTCTGATTCC
 GACATCTCACAAACATTGAGGACCCAGCTCCCATGTACCTGAGTTTTCTTCCAGTAGTAAAACCTCAA
 CTGTCAAAAACAAGTAACCAAGACCTATAAAATGGCAGACGAGGAGGAAAGCGAAGCTCACCGGGAAGG
 AGAAACTCGCAACACTAAGAGGGGCCGTGCCAGAGCTCGCCCAACGAGAGGTATCGACACT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_010196
- Insert Size:** 1674 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:

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_010196.4](#), [NP_034326.1](#)

RefSeq Size: 3370 bp

RefSeq ORF: 1674 bp

Locus ID: 14161

UniProt ID: [E9PV24](#)

Cytogenetics: 3 36.96 cM

Gene Summary: This gene encodes a subunit of the coagulation factor fibrinogen, which is a component of the blood clot. The encoded protein is proteolytically processed by thrombin during the conversion of fibrinogen to fibrin. Mice lacking the encoded protein display bleeding in the peritoneal cavity, skin and soft tissues around joints immediately after birth, and are predisposed to spontaneous fatal abdominal hemorrhage as they grow. Pregnant mice lacking the encoded protein succumb to uterine bleeding during gestation. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo similar proteolytic processing. [provided by RefSeq, Nov 2015]
Transcript Variant: This variant (2) differs in the 3' UTR and 3' coding region, compared to variant 1. The encoded isoform (2) is shorter and has a distinct C-terminus, compared to isoform 1. This isoform (2) may undergo proteolytic processing similar to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.