

Product datasheet for **MC221623**

Fga (NM_001111048) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fga (NM_001111048) 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: >MC221623 representing NM_001111048
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGTCCCTGAGGGTCACCTGCCTCATCTTGAGCGTGGCCAGCACAGTCTGGACTACAGATACCGAAG
 ATAAAGGTGAATTCCTATCAGAAGGAGGAGGAGTACGTGGCCCAAGAGTTGTGGAGAGACATCAGAGTCA
 ATGCAAGGACTCAGACTGGCCCTTCTGCTCTGATGACTGGAACCACAATGCCCTTCAGGCTGCAGG
 ATGAAAGGGTTGATTGACGAAGCCAACCAGGATTTTACAAACAGAATCAACAAGCTCAAAAACCTACTAT
 TTGACTTTCAAAGGAACAACAAGGATTCTAACTACTGACCAGGAATATCATGGAGTATTTGAGAGGGGA
 CTTGCGGAATGCCAACAACTTTGATAACACTTATGGGCAAGTGTGAGAAGACCTGAGGCGCAGAATTGAG
 ATCCTGAGGCGAAAAGTCATAGAGAAAGCGCAACAGATTCAAGCTCTGCAGAGCAATGTCCGGGCTCAGT
 TGATAGACATGAAGCGCCTGGAGGTGGATATTGATATCAAGATCCGCTCTTGCAAAGGGTCTGCAGCAG
 GGCTGTA AACCGTGAGATAAATCTACAGGACTATGAAGGTCACAAAAACAGCTTCAACAGGTCATCGCT
 AAAGAATTGCTTCTACAAAAGACAGGCAGTACTTGCCAGCACTAAAAATGTCTCCAGTTCGCCACTTGG
 TTCCCGGAAGTTTTAAGAGCCAGCTTCAGGAGGCCCTCCAGAGTGGAAGGCATTAACAGAAATGCGGCA
 GATGAGAATGGAGCTGGAGAGACCTGGGAAGGATGGGGTTTCGCGAGGAGATTACCAGGAGACTCGCGG
 GGAGATTTAGAGGGGACTTTGCAACACGTGGACCAGGGTCAAAGGCAGAAAACCCACGAAACCTGGAC
 CTGGTGGATCTGGGTATTGGCGTCTGGGAACCTCCGGTCTGGAAGTGTGAAAATCGGAACCTGGGAC
 CACGGGTCTGATGGCACTGGAGACTGGGTACCGGAAGCCCTAGACCTGGCTCAGACTCTGGGAACCTT
 AGGCCTGCCAACCTAACTGGGGTGTGTTTTAGAGTTTGAGACAGTAGCAGCCAGCCACAAGAAAAG
 AGTATCACACAGGTAAGCGGTCACCTTAAAGGAGATAAAGAGCTCTGATTGGAAAGGAGAAAGTAC
 CTCTTCTGGCACAAAGCACACACATCGTTCATGCTCTAAAACCATACCAAGACTGTACAGGTCCTGAT
 GGTGCGCCGAGAAGTGGTCAAAGAAGTGATCACCTCGGATGATGGCTCAGACTGTGGCGATGCCACCGAGT
 TAGACATATCCACAGTTTTAGCGGCAGTCTCGACGAACTCTGAAAGGCATCTGACCTTTCTGGGT
 TTTTGACAACCACTTTGGTTAATCTCACCTAACTTCAAAGAATTTGGCAGTAAGACCCATTCTGATTCC
 GACATCTCACAAACATTGAGGACCCAGCTCCCATGTACCTGAGTTTTCTTCCAGTAGTAAAACCTCAA
 CTGTCAAAAAACAAGTAACCAAGACCTATAAAATGGCAGACGAGGAGGAAAGCGAAGCTCACCGGAAGG
 AGAACTCGCAACTAAGAGGGGCGTCCAGAGCTCGCCCAACGAGAGACTGTGATGATGTCCTCCAA
 ACACAACTTCAGGTGCCAAAATGGCATTTCAGTATCAAGCCACCTGGATCCAGTAAGGTTTTTCTG
 TTTATTGGCATCAAGAGACCAGTTTGGGAGGATGGCTTTTATCCAGCAAGAATGGATGGATCGCTGAA
 TTTAACCAGGACCTGGCAAGACTACAAGAGAGGTTTTCGGCAGCCTGAATGACAAAGGGGAAGGAGATTC
 TGGCTAGGCAATGACTACCTCCACTACTACTCTGAGGGGCTCAGTTCTCAGGGTTGAATTAGAGGACT
 GGGCTGGAAAAGAGGCTTATGCGGAGTACCCTCCGGGTAGGCTCTGAGGCAGAGGGCTACGCGCTGCA
 GGTCTCCTCCTACCGGGGCACTGCTGGAGATGCTCTGGTGCAGGGCTCTGTGGAGGAGGGGACAGAATAC
 ACCTCACACAGCAACATGCAGTTCAGTACCTTTGACAGAGATGCCGACCAATGGGAAGAGAACTGTGCAG
 AGGTCTATGGGGGAGGCTGGTGGTACAACAGCTGTCAGGCCCAATCTCAATGGCATTTACTACCCCGG
 GGGCACCTACGATCCAGGAACAACAGCCCTATGAGATAGAGAACGGGGTGGTCTGGGTTCCCTCAGA
 GGAGCAGATTATCCCTCAGGGCCGTTCCGATGAAAATCAGACCGCTGGTGGGACAA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001111048
Insert Size: 2370 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:	NM_001111048.2 , NP_001104518.1
RefSeq Size:	2649 bp
RefSeq ORF:	2370 bp
Locus ID:	14161
UniProt ID:	E9PV24
Cytogenetics:	3 36.96 cM
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes the longer 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.</p>