

Product datasheet for **MR208831**

Fga (NM_010196) Mouse Tagged ORF Clone

Product data:

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



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ORF Nucleotide Sequence:

>MR208831 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGTCCCTGAGGGTCACCTGCCTCATCTTGAGCGTGGCCAGCACAGTCTGGACTACAGATACCGAAG
 ATAAAGGTGAATTCCTATCAGAAGGAGGAGGAGTACGTGGCCCAAGAGTTGTGGAGAGACATCAGAGTCA
 ATGCAAGGACTCAGACTGGCCCTTCTGCTCTGATGACTGGAACCACAATGCCCTTCAGGCTGCAGG
 ATGAAAGGGTTGATTGACGAAGCCAACCAGGATTTACAAACAGAATCAACAAGCTCAAAAACCTACTAT
 TTGACTTTCAAAGGAACAACAAGGATTCTAACTACTGACCAGGAATATCATGGAGTATTTGAGAGGGGA
 CTTGCGGAATGCCAACAACTTTGATAACACTTATGGGCAAGTGTGAGAAGACCTGAGGCGCAGAATTGAG
 ATCCTGAGGCGAAAAGTCATAGAGAAAGCGCAACAGATTCAAGCTCTGCAGAGCAATGTCCGGGCTCAGT
 TGATAGACATGAAGCGCCTGGAGGTGGATATTGATATCAAGATCCGCTCTTGCAAAGGGTCTGCAGCAG
 GGCTGTA AACCGTGAGATAAATCTACAGGACTATGAAGGTCACAAAAACAGCTTCAACAGGTCATCGCT
 AAAGAATTGCTTCTACAAAAGACAGGCAGTACTTGCCAGCACTAAAAATGTCTCCAGTTCGCCACTTGG
 TTCCCAGGAGTTTAAAGAGCCAGCTTCAGGAGGCCCTCCAGAGTGGAAGGCATTAACAGAAATGCGGCA
 GATGAGAAATGGAGCTGGAGAGACCTGGGAAGGATGGGGTTTCGCGAGGAGATTACCAGGAGACTCGCGG
 GGAGATTCTAGAGGGGACTTTGCAACACGTGGACCAGGGTCAAAGGCAGAAAACCCACGAACCTGGAC
 CTGGTGGATCTGGGTATTGGCGTCTGGGAACCTCCGGTCTGGAAGTGTGGAATCGGAACCTGGGAC
 CACGGGTCTGATGGCACTGGAGACTGGGTACCGGAAGCCCTAGACCTGGCTCAGACTCTGGGAACCTT
 AGGCCTGCCAACCTAACTGGGTGTGTTTTAGAGTTTGGAGACAGTAGCAGCCAGCCACAAGAAAAG
 AGTATCACACAGGTAAGCGGTCACTTCTAAAGGAGATAAAGAGCTCCTGATTGGAAGGAGAAAAGTAC
 CTCTTCTGGCACAAGCACACACATCGTTCATGCTCTAAAACCATACCAAGACTGTACAGGTCCTGAT
 GGTGCGCGAGAAGTGGTCAAAGAAGTGATCACCTCGGATGATGGCTCAGACTGTGGCGATGCCACCGAGT
 TAGACATATCCCACAGTTTTAGCGGCAGTCTCGACGAACTCTCTGAAAGGCATCTGACCTTTCTGGGT
 TTTTGACAACCACTTTGGTTAATCTCACCTAACTTCAAAGAATTTGGCAGTAAGACCCATTCTGATTCC
 GACATCTCACAAACATTGAGGACCCAGCTCCCATGTACCTGAGTTTTCTTCCAGTAGTAAAACCTCAA
 CTGTCAAAAAACAAGTAACCAAGACCTATAAAATGGCAGACGAGGCGGAAGCTCACCGGGAAGG
 AGAAACTCGAACACTAAGAGGGGCCGTGCCAGAGCTCGCCCAACGAGAGGTATCGACACT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208831 protein sequence
 Red=Cloning site Green=Tags(s)

MLSLRVTCLILSVASTVWTTDTEKGEFLSEGGVVRGPRVVERHQSQCKDSWPFCSDDWNHKCPSGCR
 MKGLIDEANQDFTRINKLKNLFDLQFNKNSLNRNIMEYLRGDFANANNFDNTYGGVSEDLRRRIE
 ILRRKVIKQAQIQALQSNVRAQLIDMKRLEVDIDIKIRSCKGSCSRVNRINLQDYEGHQQLQVIA
 KELLPTKDRQYLPALKMSPVVDLVPGSFSQLQEAPPEWKALTEMRQRMELERPGKDGSRGDSR
 GDSRGDFATRGPGSKAENPTNPGPGSGYWRPNSGSGSDGNRNPPTGSDGTGDWGTGSPRPGSDSGNF
 RPANPNWGVFSEFGDSSSPATRKEYHTGKAVTSKGDKELLIGKEKVTSSGTSTTHRSCSKITTKVTGPD
 GRREVVKVITSDDGSDCGDATELDISHFSGSLDEL SERHPDL SGFFDNHFGLISPNFKEFGSKTHSDS
 DILTNIEDPSSHVPEFSSSKTSTVKKQVTKYKMADEAGSEAHREGETRNTKRGRARARPTRGIDT

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

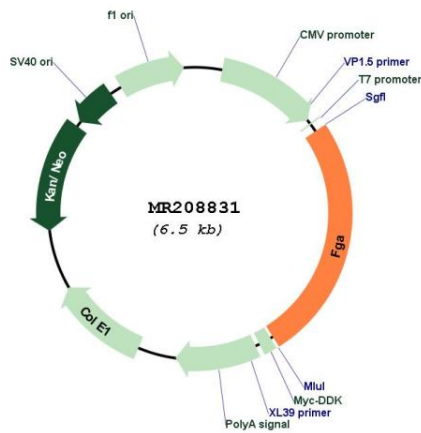
Sgfl-MluI

Cytogenetics: 3 36.96 cM

MW: 61.3 kDa

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]

Product images:



Circular map for MR208831