

Product datasheet for MC201455

Fgb (NM_181849) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fgb (NM_181849) Mouse Untagged Clone
Tag: Tag Free
Symbol: Fgb
Synonyms: 2510049G14Rik
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC031715 sequence for NM_181849
 CTGCTCGGAATTTTCGGAAACTCTGAAACCATGAGGCATCTATGGCTGCTGCTGCTATTGTGTGTTTTCTC
 AGTTCAAACCTCAAGCTGCCGATGATGACTACGATGAACCGACGGATAGCTTGGATGCCCGTGGTCATCGA
 CCTGTTGACAGGAGAAAAGGAAGACCTCCTAGCCTAAGACCTGCCCTCCTCCTATCAGTGGAGGGGGCT
 ATCGAGCCCGTCCAGCCAAGGCTACTGCCAACCAAGAAAGTAGAACGGAGACCCCGATGCAGGAGG
 CTGTCTTCATGCTGACACAGACATGGGAGTGTTGTGTCCTACGGGATGTACATTGCAACAAACGTTGTTA
 AACCGAAAAGGCCAATCAAGAGTAGTATTGCTGAGTTAATAACAACATACAGTCTGTTCCGATACCT
 CCTCAGTCACTTTTCACTACCTGACTCTGCTAAAGGACATGTGGAAAAAGAAGCAAGCTCAAGTTAAAGA
 GAATGAAAATGTCATAAATGAGTACTCCTCCATCCTGGAAGATCAGAGATTATATATTGATGAGACTGTG
 AATGATAATATCCCCCTTAATCTTCGTGTGCTCCGCTCAATCCTGGAGGACCTGAGAAGCAAATAACAA
 AATTAGAGTCTGACATCTCAGCTCAAATGGAATACTGCCGCACTCCATGCACTGTCAGCTGCAACATTCC
 AGTGGTGTCTGGGAAAGAGTGTGAGGAGATCATTAGGAAGGGAGGTGAGACATCCGAAATGTATCTCATC
 CAGCCTGACACCTCCATCAAGCCGTACAGAGTATACTGTGACATGAAAACAGAAAACGGAGGATGGACAG
 TCATACAGAACCCTCAGGATGGCAGCGTCGACTTTGGCAGGAAATGGGACCCATACAAAAAGGATTTCGG
 AAATATTGCCACCAATGAAGACGCGAAGAAGTACTGTGGCTTGCCAGGTGAATATTGGCTTGCCAATGAT
 AAGATTAGCCAGCTCACCAGGATGGGACCCACAGAACTTCTCATTGAAATGGAGGACTGGAAAGGAGACA
 AGGTGAAGGCACATTATGGAGGCTTCACGGTACAGAACGAGGCCAGCAAATACCAAGTCTCAGTGAACAA
 ATACAAAGGGACGGCTGGCAACGCCCTCATGGACGGGGCCTCTCAACTGGTGGGGGAGAACAGAACCATG
 ACCATCCACAACGGCATGTTCTTCAGCACGTACGACAGGGACAACGACGGCTGGGTAACCTACGGATCCAA
 GAAAACAGTGCTCCAAAGAAGATGGTGGCTGGTGGTATAACAGATGCCATGCAGCCAATCCAAATGG
 CAGATACTACTGGGTGGCCTTTACAGCTGGGACATGTCCAAGCACGGCACAGATGATGGTGTGGTGTGG
 ATGAACTGGAAGGGATCGTGGTACTCAATGAGGAGGATGTCTATGAAGATCAGGCCCTTCTCCACAGC
 AATAGTCCCCCAAGCACAGACTTTTCTTCTATGTCTGACATTTTTTTTACATTATGTTATTGGAAT
 TTTCTTTGATACATTATATCCCCCTAAAGCTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_181849
Insert Size:	1446 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:	BC031715 , AAH31715
RefSeq Size:	1602 bp
RefSeq ORF:	1446 bp
Locus ID:	110135
UniProt ID:	Q8K0E8
Cytogenetics:	3 36.98 cM
Gene Summary:	This gene encodes the beta subunit of the coagulation factor fibrinogen, which is a component of the blood clot. The encoded preproprotein is proteolytically processed by thrombin to release an N-terminal fibrinopeptide during the conversion of fibrinogen to insoluble fibrin polymer. The encoded protein interacts with the amyloid beta peptide to form fibrin clots of abnormal structure, and may play an important role in Alzheimer's disease. This gene is located adjacent to the genes encoding fibrinogen alpha and gamma subunits on chromosome 3. [provided by RefSeq, Nov 2015]