

Product datasheet for **SC206063**

Fibrinogen beta chain (FGB) (NM_005141) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Fibrinogen beta chain (FGB) (NM_005141) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	FGB
Synonyms:	HEL-S-78p
ACCN:	NM_005141
Insert Size:	2000 bp



[View online »](#)

Insert Sequence: >SC206063 3'UTR clone of NM_005141
 The sequence shown below is from the reference sequence of NM_005141. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGATCAGGCCCTTCTCCACAGCAATAGTCCCAATACGTAGATTTTTGCTCTTGTATGTGACAA
CATTTTTGTACATTATGTTATTGGAATTTCTTTCATACATTATATTCTCTAAAACCTCTCAAGCAGAC
GTGAGTGTGACTTTTTGAAAAAGTATAGGATAAATTACATTAATAATAGCACATGATTTTTCTTTGTTT
TCTTCATTTCTTGTCTACCAAGAAGTAACAAAAGTATAGTTTTGACAGAGTTGGTGTTTATAATTTT
AGTTCTAGTTGATTGCGAGAATTTCAAATAAGGAAGAGGGGTCTTTTATCCTTGTCTGAGGAAAACCA
TGACGGAAAGGAAAAACTGATGTTTAAAAGTCCACTTTTAAAACATATATTTATTTATGTAGGATCTGTC
AAAGAAAACTTCCAAAAAGATTTATTAATTAACCAGACTCTGTTGCAATAAGTTAATGTTTTCTTGTT
TTGTAATCCACACATTCAATGAGTTAGGCTTTGCACTTGTAAAGGAAGGAGAAGCGTTCCACACCTCAA
TAGCTAATAAACCGGTCTTGAATATTTGAAGATTTAAAATCTGACTCTAGGACGGCACGGTGGCTCAC
GACTATAATCCCAACACTTTGGGAGGCTGAGGCGGGCGGTCAAAAGGTCAGGAGTTCAAGACCAGCCTG
ACCAATATGGTGAAACCCCATCTCTACTAAAAATACAAAAATTAGCCAGGCGTGGTGGCAGGTGCCTGT
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TGACCCTAGTCTCCACCCCTAATGTATCATATTGCCACCCATTTTTATGGTACTTATTGTTCTTAA
GCTTATCTCTTAATCTTTTCATGTAAGCAAAGCTCATTAAATTTCTGTCTTGAAATGCTACTACTCTC
TTTAATTACTCACAAATCCAACTTTAACCTTTGACCTGGTTTCTGCCACAAGTTCTGTCCCCTGG
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ACATTAGTCTCTCTATCTATATCCAAATTTCTTAAATTCAAATTTTTAGCTGGAGTAAAAATGGTC
CCAGTACCATTTCTGTCCCTTCACTATAACCTACATTTTTGTCACATTAAGTTTTTCCCATTCCAG
GACAGGTGAGGCCCTTAAAAATTTCAACAGCTTTATTGAGATATAATTGATATAATTTAAAAATCCT
GCACATGTGTCATGCTGGAGCCCTATTGATTCCAACAGGGATGGCGCCTTGTCCAAGAAGAGACCCAGA
GCCAGTGAATGGGACATAGGGTTTATTTAGGACTTAAATACAGATGTGGTCCAGTGGCAGTGGGCTGGA
CAGGACCCTACTATTTGTAAAGAGTATGTAGTTTATATAACATTTCTACTTAGCACTCTCCACTTAGC
AACCTCCATTTAACCCAAAATAAAAGGCCCTTGGTTCTTGACATCCTGAGTTCCAACGGACAGGCAGG
GAGTTCAAGTGTCTTACAGATAAGAAGTGAATCTCTCTGGGTTGGCCATTCCCGGATTCTTAGCT
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_005141.5](#)

Summary:

The protein encoded by this gene is the beta component of fibrinogen, a blood-borne glycoprotein comprised of three pairs of nonidentical polypeptide chains. Following vascular injury, fibrinogen is cleaved by thrombin to form fibrin which is the most abundant component of blood clots. In addition, various cleavage products of fibrinogen and fibrin regulate cell adhesion and spreading, display vasoconstrictor and chemotactic activities, and are mitogens for several cell types. Fibrinogen serves key roles in hemostasis and antimicrobial host defense. Mutations in this gene lead to several disorders, including afibrinogenemia, dysfibrinogenemia, hypodysfibrinogenemia and thrombotic tendency. [provided by RefSeq, Aug 2020]

Locus ID:

2244

MW:

76.2