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Product datasheet for SC202397

Fibrinogen gamma chain (FGG) (NM_000509) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Fibrinogen gamma chain (FGG) (NM_000509) Human 3' UTR Clone
Symbol:	Fibrinogen gamma chain
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000509
Insert Size:	234 bp
Insert Sequence:	>SC202397 3'UTR clone of NM_000509 The sequence shown below is from the reference sequence of NM_000509. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GGGGGAGCCAAACAGGCTGGAGACGTTTAAAAGACCGTTTCAAAAGAGATTTACTTTTTTAAAGGACTT TATCTGAACAGAGAGATATAATATTTTTCCTATTGGACAATGGACTTGCAAAGCTTCACTTCATTTTAA GAGCAAAAGACCCCATGTTGAAAACTCCATAACAGTTTTATGCTGATGATAATTTATCTACATGCATTT CAATAAACCTTTTGTTTCCTAAGACTA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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_000509.6

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Summary: The protein encoded by this gene is the gamma 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. Mutations in this gene lead to several disorders, including dysfibrinogenemia, hypofibrinogenemia and thrombophilia. Alternative splicing results in transcript variants encoding different isoforms. [provided by RefSeq, Aug 2015]

Locus ID: 2266

MW: 9.3