

Product datasheet for **SC202532**

Fibrinogen alpha chain (FGA) (NM_021871) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Fibrinogen alpha chain (FGA) (NM_021871) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	FGA
Synonyms:	Fib2
ACCN:	NM_021871
Insert Size:	249 bp
Insert Sequence:	>SC202532 3'UTR clone of NM_021871 The sequence shown below is from the reference sequence of NM_021871. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CCTTTGGGAAGCCTTCCCTGTCCCCCTAGACTAAGTTAAATATTCTGCACAGTGTCCCATGGCCCC TTGCATTTCTTCTTAAGTCTCTGTACACGTCATTGAAACTACACTTTTTGGTCTGTTTTGTGCTA GACTGTAAGTTCCTTGGGGCAGGGCCTTGTCTGTCTCATCTCTGTATTCCCAAATGCCTAACAGTAC AGAGCCATGACTCAATAAATACATGTTAAATGGATGAATGAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG 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:	<u>NM_021871.4</u>



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Summary: This gene encodes the alpha subunit of the coagulation factor fibrinogen, which is a component of the blood clot. Following vascular injury, the encoded preproprotein is proteolytically processed by thrombin during the conversion of fibrinogen to fibrin. Mutations in this gene lead to several disorders, including dysfibrinogenemia, hypofibrinogenemia, afibrinogenemia and renal amyloidosis. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that undergoes proteolytic processing. [provided by RefSeq, Jan 2016]

Locus ID: 2243

MW: 9.4