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Product datasheet for RC224278L4V

Fibrinogen alpha chain (FGA) (NM_000508) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Fibrinogen alpha chain (FGA) (NM_000508) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FGA
Synonyms:	Fib2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000508
ORF Size:	2598 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224278).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_000508.3
RefSeq Size:	3655 bp
RefSeq ORF:	2601 bp
Locus ID:	2243
UniProt ID:	P02671
Cytogenetics:	4q31.3
Domains:	FBG
Protein Families:	Druggable Genome, Secreted Protein

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Protein Pathways: Complement and coagulation cascades

MW: 94.97 kDa

Gene 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]