

## Product datasheet for **SC306313**

### FGL1 (NM\_147203) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FGL1 (NM_147203) Human Untagged Clone
Tag:	Tag Free
Symbol:	FGL1
Synonyms:	HFREP1; HP-041; HPS; LFIRE-1; LFIRE1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC306313 representing NM_147203. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGGCAAAGGTGTTCAGTTTCATCCTTGTACCACCGCTCTGACAATGGGCAGGGAAATTCGGCGCTC
GAGGACTGTGCCAGGAGCAGATGCGGCTCAGAGCCAGGTGCGCCTGCTTGAGACCCGGGTCAAACAG
CAACAGGTCAAGATCAAGCAGCTTTTGCAGGAGAATGAAGTCCAGTTCCTTGATAAAGGAGATGAGAA
ACTGTCATTGATCTTGAAGCAAGAGGCAGTATGCAGATTGTTTCAGAGATTTTCAATGATGGGTATAAG
CTCAGTGGATTTTACAAAATCAAACCTCTCCAGAGCCAGCAGAATTTTCTGTTTATTGTGACATGTCC
GATGGAGGAGGATGGACTGTAATTCAGAGACGATCTGATGGCAGTGAAAACCTTTAACAGAGGATGGAAA
GACTATGAAAATGGCTTTGGAAAATTTGTCCAAAACATGGTGAATATTGGCTGGCAATAAAAATCTT
CACTTCTTGACCACTCAAGAAGACTACACTTTAAAATCGACCTTGACAGATTTTGAAAAAATAGCCGT
TATGCACAATATAAGAATTTCAAAGTTGGAGATGAAAAGAATTTCTACGAGTTGAATATTGGGGAATAT
TCTGGAACAGCTGGAGATTCCTTGCAGGGAAATTTTCACTCAGGTGCAGTGGTGGGCTAGTACCAA
AGAATGAAATTCAGCACGTGGGACAGAGATCATGACAATATGAAGGAACTGCGCAGAAGAAGATCAG
TCTGGCTGGTGGTTTAAACAGGTGCACTCTGCAAACCTGAATGGTGTATACTACAGCGCCCTACAGC
GCTAAAACAGACAATGGGATTGTCTGGTACACCTGGCATGGTGGTATTCTCTGAAATCTGTGGTT
ATGAAAATTAGGCCAAATGATTTTATTCCAAATGTAATT TAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
Plasmid Map:	<input type="checkbox"/>
ACCN:	NM_147203



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<b>Insert Size:</b>	939 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_147203.2</a>
<b>RefSeq Size:</b>	1373 bp
<b>RefSeq ORF:</b>	939 bp
<b>Locus ID:</b>	2267
<b>UniProt ID:</b>	<a href="#">Q08830</a>
<b>Cytogenetics:</b>	8p22
<b>Protein Families:</b>	Druggable Genome, Secreted Protein
<b>MW:</b>	36.4 kDa
<b>Gene Summary:</b>	<p>Fibrinogen-like 1 is a member of the fibrinogen family. This protein is homologous to the carboxy terminus of the fibrinogen beta- and gamma- subunits which contains the four conserved cysteines of fibrinogens and fibrinogen related proteins. However, this protein lacks the platelet-binding site, cross-linking region and a thrombin-sensitive site which are necessary for fibrin clot formation. This protein may play a role in the development of hepatocellular carcinomas. Four alternatively spliced transcript variants encoding the same protein exist for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) lacks an exon in the 5' UTR compared to the longest variant (4). All four variants encode the same protein.</p>