

Product datasheet for **SC308054**

FGL1 (NM_201553) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FGL1 (NM_201553) Human Untagged Clone
Tag:	Tag Free
Symbol:	FGL1
Synonyms:	HFREP1; HP-041; HPS; LFIRE-1; LFIRE1
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	<p>>NCBI ORF sequence for NM_201553, the custom clone sequence may differ by one or more nucleotides</p> <pre> ATGGCAAAGGTGTTTCAGTTTCATCCTTGTTACCACCGCTCTGACAATGGGCAGGGAATT TCGGCGCTCGAGGACTGTGCCAGGAGCAGATGCGGCTCAGAGCCAGGTGCGCCTGCTT GAGACCCGGGTCAAACAGCAACAGGTCAAGATCAAGCAGCTTTTGCAGGAGAATGAAGTC CAGTTCCTTGATAAAGGAGATGAGAATACTGTCTTGTGATCTTGAAGCAAGAGGCAGTAT GCAGATTGTTTCAGAGATTTTCAATGATGGGTATAAGCTCAGTGGATTTTACAAAATCAAA CCTCTCCAGAGCCAGCAGAATTTCTGTTTATTGTGACATGTCCGATGGAGGAGGATGG ACTGTAATTCAGAGACGATCTGATGGCAGTGAAAACCTTTAACAGAGGATGAAAGACTAT GAAATGGCTTTTGAAATTTTGTCCAAAACATGGTGAATATTGGCTGGGCAATAAAAT CTTCACCTCTTGACCACTCAAGAAGACTACACTTTAAAAATCGACCTTGACATTTTGAA AAAAATAGCCGTTATGCACAATATAAGAATTTCAAAGTTGGAGATGAAAAGAATTTCTAC GAGTTGAATATTGGGGAATATTCTGGAACAGCTGGAGATTCCTTGCGGGGAATTTTCAT CCTGAGGTGCAGTGGTGGGCTAGTCACCAAAGAATGAAATTCAGCACGTGGGACAGAGAT CATGACAACTATGAAGGGAAGTGCAGAGAAGAAGATCAGTCTGGCTGGTGGTTTAAACAGG TGTCACCTCTGCAAACCTGAATGGTGTATACTACAGCGGCCCTACACGGCTAAAACAGAC AATGGGATTGTCTGGTACACCTGGCATGGGTGGTATTCTCTGAAATCTGTGGTTATG AAAATTAGGCCAAATGATTTTATTCCAAATGTAATTTAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_201553
OTI Disclaimer:	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).
OTI Annotation:	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.


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Components:	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).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
RefSeq:	<u>NM_201553.1, NP_963847.1</u>
RefSeq Size:	1500 bp
RefSeq ORF:	939 bp
Locus ID:	2267
UniProt ID:	<u>Q08830</u>
Cytogenetics:	8p22
Protein Families:	Druggable Genome, Secreted Protein
Gene Summary:	<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 (4) represents the longest transcript. All four variants encode the same protein.</p>