OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RG202778

FGL1 (NM_201553) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FGL1 (NM_201553) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FGL1
Synonyms:	HFREP1; HP-041; HPS; LFIRE-1; LFIRE1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence:

>RG202778 representing NM_201553
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCAAAGGTGTTCAGTTTCATCCTTGTTACCACCGCTCTTACAATGGGCAGGGAAATTTCGGCGCTCG
AGGACTGTGCCCAGGAGCAGATGCGGCTCAGAGCCCAGGTGCGCCTGCTTGAGACCCGGGTCAAACAGCA
ACAGGTCAAGATCAAGCAGCTTTTGCAGGAGAATGAAGTCCAGTTCCTTGATAAAGGAGATGAGAATACT
GTCATTGATCTTGGAAGCAAGAGGCAGTATGCAGATTGTTCAGAGATTTTCAATGATGGGTATAAGCTCA
GTGGATTTTACAAAATCAAACCTCTCCAGAGCCCAGCAGAATTTTCTGTTTATTGTGACATGTCCGATGG
AGGAGGATGGACTGTAATTCAGAGACGATCTGATGGCAGTGAAAACTTTAACAGAGGATGGAAAGACTAT
GAAAATGGCTTTGGAAATTTTGTCCAAAAACATGGTGAATATTGGCTGGGCAATAAAAATCTTCACTTCT
TGACCACTCAAGAAGACTACACTTTAAAAATCGACCTTGCAGATTTTGAAAAAAATAGCCGTTATGCACA
ATATAAGAATTTCAAAGTTGGAGATGAAAAGAATTTCTACGAGTTGAATATTGGGGAATATTCTGGAACA
GCTGGAGATTCCCTTGCGGGGAATTTTCATCCTGAGGTGCAGTGGTGGGCTAGTCACCAAAGAATGAAAT
TCAGCACGTGGGACAGAGATCATGACAACTATGAAGGGAACTGCGCAGAAGAAGATCAGTCTGGCTGGTG
GTTTAACAGGTGTCACTCTGCAAACCTGAATGGTGTATACTACAGCGGCCCCTACACGGCTAAAACAGAC
AATGGGATTGTCTGGTACACCTGGCATGGGTGGTGGTATTCTCTGAAATCTGTGGTTATGAAAATTAGGC
CAAATGATTTTATTCCAAATGTAATT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

View online »

Protein Sequence:

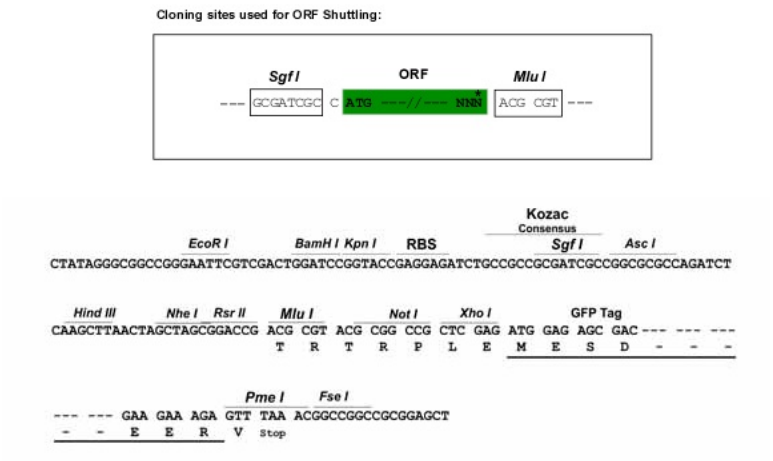
>RG202778 representing NM_201553
Red=Cloning site Green=Tags(s)

MAKVFSFILVTTALTMGREISALEDCAQEQMRLRAQVRLLETRVKQQQVKIKQLLQENEVQFLDKGDENT
VIDLGSKRQYADCSEIFNDGYKLSGFYKIKPLQSPAEFSVYCDMSDGGGWTVIQRRSDGSENFNRGWKDY
ENGFGNFVQKHGEYWLGNKNLHFLTTQEDYTLKIDLADFEKNSRYAQYKNFKVGDEKNFYELNIGEYSGT
AGDSLAGNFHPEVQWWASHQRMKFSTWDRDHDNYEGNCAEEDQSGWWFNRCHSANLNGVYYSGPYTAKTD
NGIVWYTWHGWWYSLKSVVMKIRPNDFIPNVI

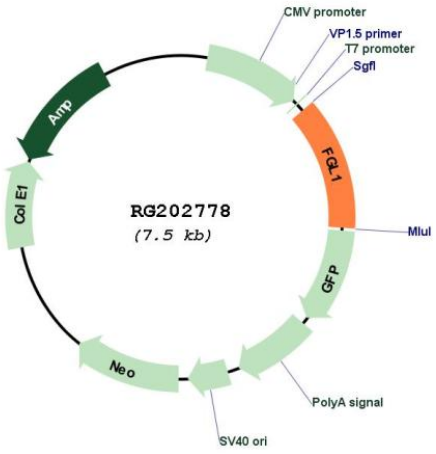
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_201553

ORF Size: 936 bp

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.
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:	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:	NM_201553.1, NP_963847.1
RefSeq Size:	1500 bp
RefSeq ORF:	939 bp
Locus ID:	2267
UniProt ID:	Q08830
Cytogenetics:	8p22
Protein Families:	Druggable Genome, Secreted Protein
Gene Summary:	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]