

## Product datasheet for **RR206835**

### Fgl1 (NM\_172010) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Fgl1 (NM\_172010) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Fgl1  
**Synonyms:** Frep1; Lfire1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR206835 representing NM\_172010  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGGGGAGATTCGCAGCTTTGCCTCATCACTGTTGCTCTGATTCTGGGCAAGGAGAGCTGGGTCCTCG  
GAGATGAGAACTGTTGCAGGAGCAGGTGAGGCTCAGGGCTCAGGTGCGCCAGCTTGAGACCCGGTCAA  
ACAACAACAGGTGGTATTGCACAGCTCTGCACGAGAAGGAGGTCCAGTTCCTGGATAGAGGACAGGAG  
GACAGCTTCATTGACCTTGGAGGCAAGAGGCATTACGCAGATTGTTTCAGAGATTTACAATGATGGATTTA  
AACATAGTGGGTTTTACAAAATCAAACCTTTCAGAGTCTGGCAGAATTCTCTGTTTATTGTGATATGTC  
TGATGGAGGAGGATGGACTGTAATTCAGAGACGATCTGACGGCAGTGAGAACTTTAACAGGGGTTGGAAC  
GACTATGAAAAATGGCTTTGGAACTTTGTCAAAGCAATGGTGAATACTGGCTGGGTACAAAAACATTA  
ACTTGCTGACTATGCAAGGAGACTACACTTTAAAAATCGACCTGACAGACTTTGAGAAAAACAGCCGCTT  
CGCACAATACGAAAAATTTAAAGTTGGCGATGAAAAGTCTTTTACGAACTGAATATTGGAGAATATTCT  
GGCACC GCCGGAGACTCCCTGTCCGGAACATTTACCCCTGAAGTGCAGTGGTGGGCTAGTCACCAAAACAA  
TGAAGTTCAGCACACGCGACAGAGACAACGACAACACTACAACGGGAACTGTGCTGAGGAGGAACAGTCTGG  
CTGGTGGTTAACAGGTGTCACTCTGCAAACC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR206835 representing NM\_172010  
 Red=Cloning site Green=Tags(s)

MGEIRSFVLITVALILGKESWVLGDENCLQEVRRLRAQVRQLETRVKQQQVVIAQLLHEKEVQFLDRGQE  
 DSFIDLGGKRHYADCSEIYNDGFKHSGFYKIKPLQSLAEFSVYCDMSDGGGWTVIQRRSDGSENFNRGWN  
 DYENGFNGFVQSNGEYWLGNKNINLLTMQGDYTLKIDLDFEKNSRFAQYEKFKVGEKSFYELNIGEYS  
 GTAGDSL SGT FHPEVQWWASHQTMKFSTRDRDNDNYNGNCAEEEEQSGWWLTGVTLQT

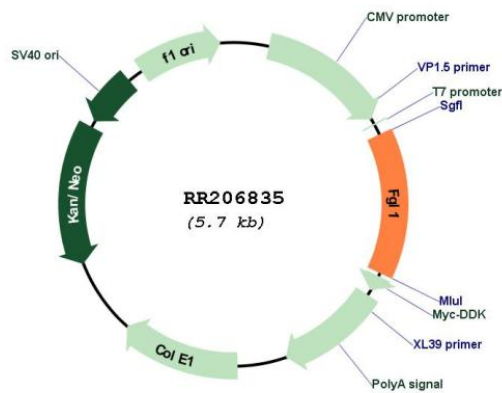
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_172010  
**ORF Size:** 801 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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_172010.1</a> , <a href="#">NP_742007.1</a>
<b>RefSeq Size:</b>	1141 bp
<b>RefSeq ORF:</b>	804 bp
<b>Locus ID:</b>	246186
<b>Cytogenetics:</b>	16q12.1
<b>MW:</b>	30.8 kDa
<b>Gene Summary:</b>	member of the fibrinogen family; appears to lack the platelet-binding and thrombin-sensitive sites, and cross-linking region, which are necessary for fibrin clot formation; protein may be liver-specific [RGD, Feb 2006]