

Product datasheet for **RN206271**

Fgl2 (NM_053455) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fgl2 (NM_053455) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fgl2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN206271 representing NM_053455 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGGCTTCCTGGCTGGTTGTGGCTGAGCTCCGCGGTCCTCGCTGCCGAGCGGGGAGAAGCAC
ACCTGACTGAAGGGCTGGAGGATGCGAGCGCCAGGCTGCCTGCCCGGAGGCTGGAGGGCAGCGGGAG
GTGCGAGGGCAGCCAGTGCCTCCAGCTCACCTGCCACGCTGACCCTCCAGTCCCGCAGCAGTTC
GGCAGCATGGAGGAGGTGCTCAAAGAAGTGCGGACCCTCCAGGAAGCTGTGGACAGTCTGAAGAAATCCT
GCCAGGACTGCAAGTTGCAAGCTGATGAACATCCAGACCCTGGCGGGAATGGAGCAGAGACGGCCGAGGA
CAATCGAGTCCAGGAACTGGAGAGTCAAGTGAACAAGCTGCTCAGAGCTGAAGAATGCAAAGGAGGAG
ATCCAGGGGCTGCAGGGGCGCTGGAGTCGCTCCAAGTAAATATGAACAACATCGAGAACTACGTGG
ACAACAAAGTGGCAAATCTAACCTCTGTGGTCAACAGTTTGGATAGCAAGTGTTCAGTGCCCCAGCCA
AGAACAACAGCCAAATCCAGTTCACATCTAATATACAAAGATTGCTCTGACTACTACGTGTTAGGG
AAGAGAAGCAGTGGGACCTACAGAGTTACGCTGATCACAGGAACAGCAGCTTTGAGGTCTACTGCGACA
TGGAGACCACGGGTGGAGGCTGGACAGTCTGCAGGCTCGCTTGATGGGAGCACCAACTCACCAGAGG
GTGGAAGGACTACAAAGCCGGCTTCGGGAACCTTGAACGAGAATTTGGCTGGGCAACGATAAAATTCAT
CTTCTGACCAAGAGTAAGGAAATGATTTTGAAGATAGATCTCGAAGACTTTAATGGTCTCACACTTACG
CCGTGTACGATCAGTTTTATGTGGCTAACGAGTTTCTCAAATACCGGTTACACCTCGGTAACATAATGG
CACGGCAGGGGATGCCTTGCGTTTTAGCCGACATTACAACCACGACCTGAGGTTTTTACCACCCAGAC
AGAGACAAATGATCGGTACCCCTCGGAACTGTGGGCTCTATTACAGCTCAGGCTGGTGGTTTTGATGCAT
GTCTCTGCCAACTTAAATGGCAAATATTATCACCAGAGATACAAGGGGTCCGTAATGGGATTTCTG
GGGCACCTGGCTGGTGAAGTCAGGCACACCCAGGGGCTACAAGTTCTCCTTCAAGAAGGCCAAGATG
ATGATAAGACCAAGAGTTTTAAGCCATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_053455
Insert Size:	1290 bp
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).
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_053455.2</u> , <u>NP_445907.2</u>
RefSeq Size:	3720 bp
RefSeq ORF:	1290 bp
Locus ID:	84586
Cytogenetics:	4q11
Gene Summary:	structurally similar to the beta and gamma chains of fibrinogen; may be involved with physiological functions at mucosal sites; may play a role in the initiation of parturition [RGD, Feb 2006]