

Product datasheet for **MG226286**

Fcrl5 (NM_001113238) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fcrl5 (NM_001113238) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Fcrl5
Synonyms:	Fcrh3; mBXMH2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG226286 representing NM_001113238
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGTGGTTCATTCTCACCTGTGTGGTGTTCACACAGATGTGGCTGACTCTACTGGTTGTGACTCCTG
 TCAATGGACAGCATGATTTCTGGTGTGCAAGCTCCACCTGCTGTGTTGAAGGAGACTCTGTGGTTCT
 GAGGTGTACGCAAGAAAGGCATAGAAGCAGAGACCCTGACATTTTACAAGGATGGTAAAGCTCTGACA
 TTACATCCTCAAAGTTCTGAGTTCTATATTCATCGTGCAAATCTGAAGGACAACGGTCAATACAAATGCA
 CTTGGAAGAAGAAGTGGTCTTTTGGTCCCTCTATACTCCAATACGGTCGTAGTTCAAGTCCAAGAGTT
 GTTCCCACGGCTGTGCTGAGAGCCAGACCCTCCCATCCATAGATGGAAGTCCAGTGACCCTGACGTGT
 CAGACCCAGCTCTCTGCACAGAAGTCAGATGCCCGCTCCAGTTCTGTTTCTTCAGAAACCTCCAGCTTC
 TGGGGTCAGGCTGCAGCCGCTCCTCGGAGTTTCACATTCTGCCATATGGACTGAAGAGTCAAAGAGATA
 CCAGTGAAGGCAGAAACAGTGAATCCCAAGTTAGTAAACAAAGTACAGCGTTCATAATCCAGTGCAG
 AGAGCTTCTGCGAGATCCAAACACACATCATCCAGCCTCAAAGTTGGTGTGTTGAAGGGCAGTTGCTGT
 TACTCAACTGCTCAGTAAAAGGAGTCCCAGGACCCCTCAAATTCTCTGGTATAAAAAAGGACATGCTGAA
 TAAAGAAACAAAGATTCTTAAGTCTCCACGCAGAATTCAAGATCTCCAGGTGAACATCAGTGACGCA
 GGGGAGTATTACTGTGAAGCTAACAAACAGCCGCGGAAGCTTTGTGAGCAGGGCATTTCATCACCATAA
 AAGTCCCAGTATCTCAACCAGTTCTCACCTAAGCACAGGCAAGACCCAGGCCCTTGAGGGAGACTTGAT
 GACACTTCAATGTCAATCCCAGAGGGGCTCCTCATGTATCCTGTATGAATCTTCTATGAGAATGTCTCC
 CTGGGGAATAGCTCTATACTCTCTGGAGGAGCATACTCAATTTCTCTATGAGCACAGAGCGATCTG
 GAAACTACTACTGCACAGCAGACAATGGCCTGGGAGCCAGTGCAGTGAAGCTATAAGGATCTCTATCTT
 TGACATGACAAAGAACAGAAGTGTCTATGGCTGCCGGAATCACTGTGGGACTGCTCATCATGGCTGTT
 GGAGTGTCTGTTTTATTGCTGTTCTCTAGAAAAGCAGGAGGAAAGCCTACCTCTGATGACTCCAGGA
 ACCCTTCAGATTCAGAACCCAGGAGCCACCTATTACAACGTACCAGCCTGTATAGAATGCAGCCAGT
 GTACAGCAATGAGCCTGAGGAAAACGTGATTTACACAGAAGTACGGAGAACTCAACCAAGACAGAAACAT
 GCAGATCAGGAGTCTGAAAGCCCAAGATCAAGGTGCCAGATGGCTGAGAAAAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG226286 representing NM_001113238
 Red=Cloning site Green=Tags(s)

MSGSFSPCVVFTQMWL TLLVVTPVNGQHDFLVLQAPPVFEFGDSVVLRCYAKKGI EAETLTFYKDGKALT
 LHPQSSEFYIHRANLKDNGQYKCTSKKKWSFGSLYTSNTVVVQVQELFPRPVLRARPSHPIDGSPVTLTC
 QTQLSAQKSDARLQFCFFRNQLLLGSGCSRSSEFHIPAIWTEESKRYQCKAETVNSQVSKQSTAFIIPVQ
 RASARFQTHIIPASKLVFEGQLLLNCSVKGVGPLKFSWYKDMLNKTKILKSSNAEFKISQVNI SDA
 GEYYCEANNSRRSFVSRAFPITIKVPVSPVLTSTGKTQALEGDLMTLHCQSQRGSPCILYEFFYENVS
 LGNSSILSGGAYFNFSMSTERSGNYCTADNGLGAQCSEAIRISIFDMTKNRSVPMAAGITVGLLIMAV
 GVFLFYCWF SRKAGGKPTSDSRNPSDSEPQEPTYYNVPACIELQPVYSNEPEENVIYTEVVRTQPRQKH
 ADQESESRRSRCQMAEKK

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:

Cloning sites used for ORF Shutting:



EcoRI
BamHI *KpnI*
RBS
Kozac
Consensus
SgfI
AscI

CTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGSAGATCTGCCGCCGATCGCCGGCGCCAGATCT

HindIII
NheI *RsrII*
MluI
NotI
XhoI
GFP Tag

CAAGCTTAACTAGCTAGCGGACCG ACG CGT ACG CGG CCG CTC GAG ATG GAG AGC GAC --- --- ---

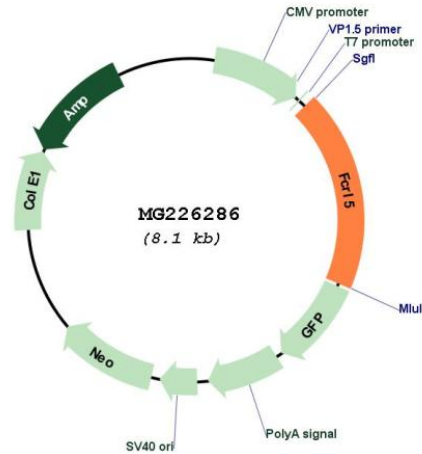
T R T R P L E
M E S D - - -

PmeI
FseI

--- --- GAA GAA AGA GTT TAA ACGGCCGGCCGGGAGCT

- - - E E R V Stop

Plasmid Map:



ACCN: NM_001113238

ORF Size: 1524 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_001113238.1](#), [NP_001106709.1](#)

RefSeq Size: 2657 bp

RefSeq ORF: 1527 bp

Locus ID: 329693

UniProt ID: [Q68SN8](#)

Cytogenetics: 3 F1