

Product datasheet for RG222557

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

OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

IGFL2 (NM 001002915) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: IGFL2 (NM_001002915) Human Tagged ORF Clone

Tag: TurboGFP

Symbol: IGFL2

Synonyms: UNQ645; VPRI645

Mammalian Cell Neomycin

Selection:

Vector: pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >RG222557 representing NM_001002915
Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

AAGCAGAAGACGTTTTCCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG222557 representing NM_001002915

Red=Cloning site Green=Tags(s)

MRTDYPRSVLAPAYVSVCLLLLCPREVIAPAGSEPWLCQPAPRCGDKIYNPLEQCCYNDAIVSLSETRQC

GPPCTFWPCFELCCLDSFGLTNDFVVKLKVQGVNSQCHSSPISSKCESRRRFP

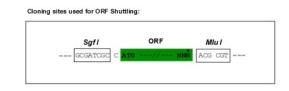
TRTRPLE - GFP Tag - V

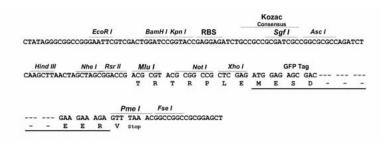
Restriction Sites: Sgfl-Mlul



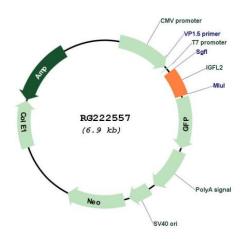


Cloning Scheme:





Plasmid Map:



ACCN: NM_001002915

ORF Size: 369 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



IGFL2 (NM_001002915) Human Tagged ORF Clone - RG222557

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: <u>NM 001002915.1</u>, <u>NP 001002915.1</u>

 RefSeq Size:
 894 bp

 RefSeq ORF:
 393 bp

 Locus ID:
 147920

 UniProt ID:
 Q6UWQ7

 Cytogenetics:
 19q13.32

Protein Families: Secreted Protein

Gene Summary: IGFL2 belongs to the insulin-like growth factor (IGF; see MIM 147440) family of signaling

molecules that play critical roles in cellular energy metabolism and in growth and

development, especially prenatal growth (Emtage et al., 2006 [PubMed 16890402]).[supplied

by OMIM, Mar 2008]

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US