

Product datasheet for **RG218080**

FGFR1OP2 (NM_015633) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FGFR1OP2 (NM_015633) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FGFR1OP2
Synonyms:	HSPC123-like; WIT3.0
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG218080 representing NM_015633 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGAGTTGCACAATTGAGAAGGCACTTGCCGACGCTAAAGCTCTTGTTGAAAGATTAAGAGATCATGACG
 ATGCAGCAGAATCTCTGATTGAGCAAACACAGCTCTCAACAAGCGAGTAGAAGCCATGAAACAGTATCA
 GGAAGAAATTCAAGAATTAATGAAGTCGCGAGACATCGGCCACGGTCCACGTTAGTTATGGGAATCCAG
 CAAGAAAACAGACAAATCAGAGAGTTGCAACAAGAAAACAAAGAATTACGTACATCTCTGGAAGAATCATC
 AGTCGGCCTTGGAACCTATAATGAGCAAGTACCGAGAACAATGTTTAGATTGCTAATGGCTAGCAAAAA
 AGATGATCCGGGTATAATAATGAAGTTAAAAGAGCAGCACTCCAAGATTGACATGGTACATCGTAACAAG
 TCCGAAGGATTCTTCCTTGATGCATCTCGACACATCCTTGAAGCACCTCAACATGGACTGGAGAGAAGGC
 ACTTGGAAGCAAATCAGAATGAACTGCAAGCACATGTTGACCAGATAACTGAAATGGCAGCAGTAATGAG
 GAAAGCCATTGAAATTGACGAGCAACAGGGTTGCAAGGAACAAGAACGAATATTTCAACTTGAACAAGAA
 AACAAAGGCTTGAGAGAGATCCTTCAAATAACTCGAGAATCATTTTGAACCTAAGGAAAGATGATGCGT
 CGGAAAGTACTTCTTTGTCAGCATTAGTGACCAACAGTGATTTGAGTCTGAGGAAGAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA


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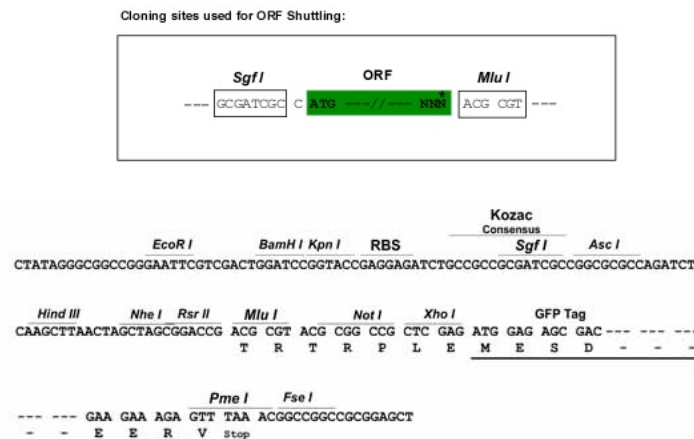
Protein Sequence: >RG218080 representing NM_015633
 Red=Cloning site Green=Tags(s)

MSCTIEKALADAKALVERLRDHDAAESLIEQTTALNKRVEAMKQYQEEIQELNEVARHRPRSTLVMGIIQ
 QENRQIRELQQENKELRTSLEEHQSALELIMSKYREQMFRLLMASKDDPGIIMKLKEQHSKIDMVHRNK
 SEGFFLDASRHILEAPQHGLERRHLEANQNELQAHVDQITEMAAYMRKAIEIDEQQGCKEQERIFQLEQE
 NKGLREILQITRESFLNLRKDDASESTLSALVTNSDLSLRKS

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_015633

ORF Size: 759 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_015633.3](#)

RefSeq Size: 2306 bp

RefSeq ORF: 762 bp

Locus ID: 26127

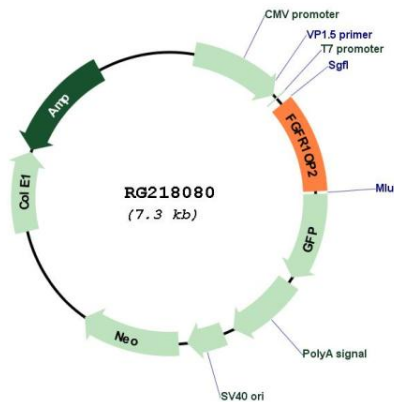
UniProt ID: [Q9NVK5](#)

Cytogenetics: 12p11.23

Protein Families: Druggable Genome

Gene Summary: May be involved in wound healing pathway.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG218080