

Product datasheet for **RG219948**

FER (NM_005246) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FER (NM_005246) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FER
Synonyms:	p94-Fer; PPP1R74; TYK3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG219948 representing NM_005246
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

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 TGAAGTGTGGGATTATAAACCTGAAATCGCCCTAAGTTCAGTGAACCTCAGAAAAGAGCTCACTATCAT
 CAAGAGAAAACCTACA

ACGGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG219948 representing NM_005246
Red=Cloning site Green=Tags(s)

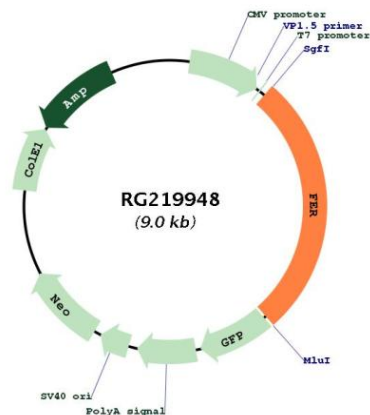
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LQKMQEEMIKALKGIFDEYSQITSLVTEEIVNVHKEIQMSVEQIDPSTEYNNFIDVHRTTAAKEQIEFD
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TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

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:	NM_005246.1 , NP_005237.1
RefSeq Size:	2950 bp
RefSeq ORF:	2469 bp
Locus ID:	2241
UniProt ID:	P16591
Cytogenetics:	5q21.3
Domains:	pkinase, SH2, FCH, TyrKc, S_TKc
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	Adherens junction
Gene Summary:	The protein encoded by this gene is a member of the FPS/FES family of non-transmembrane receptor tyrosine kinases. It regulates cell-cell adhesion and mediates signaling from the cell surface to the cytoskeleton via growth factor receptors. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome X. [provided by RefSeq, Apr 2015]

Product images:



Circular map for RG219948