

Product datasheet for **RR215230**

Sfpq (NM_001025271) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sfpq (NM_001025271) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sfpq
Synonyms:	MGC112723
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>RR215230 representing NM_001025271
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCTCGGGATCGGTTCCGGAGCCGGTGGTGGTGGAGGCTTTCATCGGCGTGGAGGAGCGGTG
 GCCGCGCGCGCCTCCACGACTTCCGCTCTCCGCGCCTGGCATGGGCCTCAACCAGAATCGCGGCCCAT
 GGGCCCCGGCCCTGGCGGCCGAAGCCACCGCTCCCGCCTCCACCTCCGCACCAGCAGCAGCAGCAACCT
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 AACAGCCCCGCCTCCGCCGAGGAATCCAAGCCCGTCTCCCGCAAGGCCCGGCTCGGCGCCGGAGT
 GAGCACTGCGCCGCTCCGGCGGTCTCGGCCCCGCCCAACCCCTACCACCGCGCCCGCCGGG
 CCGGGTCTACCCGACTCCGCCCGCCGAGTCCCTCTACTGCCCGGACCGCTCCCTTCCACGC
 CGAGCAGCGGAGTCTCAACAACGCTCCACAGACCGGTGGCCCTCCGCCACCGCCCGCGGGGCGCCGG
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 GAGGAACGGCGTGAAGAGAGGAAGAGATGATGATTCGCCAACGTGAGATGGAAGAACAATGAGACGCC
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR215230 representing NM_001025271
Red=Cloning site Green=Tags(s)

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MSRDRFRSRGGGGGFHRRGGGGGRGLHDFRSPPPGMGLNQNRGPMGPGGPKPPLPPPPHQQQQQ
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GGGPGMGAPGGHPKPPHRGGGEPGRGGRQHHPYHQHHQGPPIGGGPRTEEKISDSEGFKANLSLLRRP
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GRQLRVRFATHAAALSVRNLSVYVSNELLEAFSQFGPIERAVVIVDDRGRSTGKIVFEFASKPAARKAF
ERCSEGVFLLTTTPRPIVEPLEQLDDEDGLPEKLAQKNPMYQKERETPPRFAQHGTFFEYEYSQRWKS
LDEMEKQREQVEKNMKDAKDKLESEMEDAYHEHQANLLRQDLMRRQEELRRMEELHSQEMQKRKEMQLR
QEEERRRREEEMMIRQREMEEQMRRQREESYSRMGYMDPRERDMRMGGGTMMNGDPYSGGQKFPPLGGG
GIGYEANPGVPPATMSGSMMSDMRTERFGQGAGPVGGQGRPMGPGTAPAGYGRGREEYEGPNKKPRF
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001025271

ORF Size: 2097 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_001025271.1](#), [NP_001020442.1](#)

RefSeq Size: 2510 bp

RefSeq ORF: 2100 bp

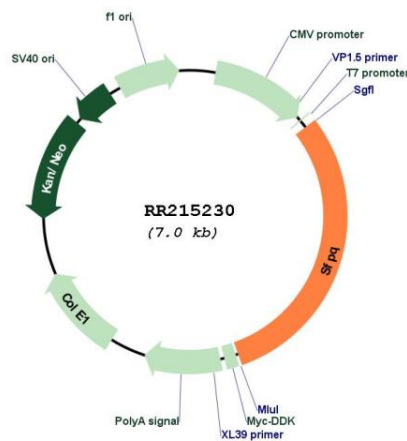
Locus ID: 252855

Cytogenetics: 5q36

MW: 75.5 kDa

Gene Summary: FGF-induced protein related to a family of RNA- and DNA-binding proteins [RGD, Feb 2006]

Product images:



Circular map for RR215230