

Product datasheet for **RR205677**

Pnizr (NM_001025274) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pnizr (NM_001025274) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pnizr
Synonyms:	RGD1307395; Sfrs18; Srsf18
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>RR205677 representing NM_001025274
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTGGGATCAAGGAGGACAACCTTGGCAGCAATGGCCCTTGAACCAGCAACAGTGGATGCAGTCATTCC
 AGCACCAGCAAGATCCAAGCCAGATTGACTGGGCTGCTTTGGCCCAAGCTTGGATTGCACAAAGAGAAGC
 CTCAGGACAGCAAGCATCGTAGAACAACCACCAGGAATGATGCCAAATGGACAGGATATGTCTTCAATG
 GAGTCTGGTCCCAATAACCATGGAATTTTCAAGGGGATTCAAATTTTAAACAGAAATGTGGCAACCAGAAT
 GGGGAATGCATCAGCAGCCCCACACCCCTCCAGATCAGCCATGGATGCCACCAACACCAGGCCCAAT
 GGACATTGTCTCTCTTCTGAAGACAGCAACAGTCAGGACAGTGGGAATTTGCCCTGACAACAGGCAT
 ATATTTAACCAGAAACATCACAACTTTGGTGGACCACCTGATAATTTGCAGTGGGGCCGGTGAACCAGT
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 CGTTTACCCCAAGAAAGTAAATTTGATAGTGATGACGAGGATGAAGATGCTGAAAACCTAGAGGCTGTCA
 GCAGTGGGAAAGTACCAGAAAGTCCATCTCCAGTCCCAGGAGGAGCAGTGAAGCAGAGATGACGGA
 GGAGGAGAAGGAGTATCAGATGATGTTATTGACAAAAATGCTTCTAACTGAAATTTCTTGGATGTACA
 GATGAAGAAATTTATTACGTAGCTAAAGATGCACATCGAAAGCAACGAAAGCTCCTGCAAAACAGCTGG
 CACAGTCCAGTGCAGTGGCCTCCCTCACCGCCTCGGTGGACTGGGTGGTATGGATCAGGAGACAGTGA
 AGATGAGAGGAGTGACAGAGGTTCTGAGTCATCTGATACTGATGATGAAGAATTACGGCACCGAATCCGG
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 TCAGTTTTAGAGCCCAAAAGAGAGCACAAGGGAAAGAGAAGGAGCGGAGGAGTAGGTAGGCAGCAGCA
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 TAGTAAAAAGCATTGAGTTCTGATTCTAGTGGAAGGAGCAGTTCTGAATCCCCCGAAGTAGCAAAAGAA
 AAGAAGGCTAAGAAGCCTAAACATAGTCGGTCGCGCTCCATGGAGAAATCTCAAAGGTCTGGTAAGAAGG
 CAAGCCGCAAAACAAAGTCTAAGTCCCGATCAAGATCAACAACCCCTCCCGTCGTAAGCGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR205677 representing NM_001025274
 Red=Cloning site Green=Tags(s)

MWDQGGQPWQQWPLNQQQWMQSFQHQDPSQIDWAALAQAWIAQREASGQQSIVEQPPGMPNGQDMSSM
 ESGPNNHGNFQGDSNFRMWQPEWGMHQPPHPPDQPWMPPTPGPMDIVPPSEDSNSQDSGEFAPDNRH
 IFNQNNHNFGGPPDNFAVGPNQFDYQHGAAGPPQGGFHPPYWQPGPPGPPAPTQNRERPPSFRDRQR
 SPIALPVKQEPPIIDAVKRRTLPAWIREGLEKMERKQKKLEKERMEQQRSQLSHKEKAAEDAEGGHGP
 RLPQRSKFDSDDEDEDAENLEAVSSGKVTRSPSPAPQEEHSEPMTTEEKEYQMMLLTkMLLTTEILLDVT
 DEEIYYVAKDAHRKATKAPAKQLAQSSALASLTGLGGLGGYSGDSEDRSGSESSDTTDEELRHRIR
 QKQEAfWRKEKEQQLLDKQMEEEKQQTERTVKEMNEFIHREQNSLSLLEASEADGDTVNEKKRTPNEAP
 SVLEPKREHKGEKERRSRGSSSSGSSSSNSRSSSSSSSVSSSSYSSSSGSSCTSSRSSPKRKKRHSR
 SRSPVKARRSRRSYSRRIKIDSSRTRVKLRDRRRSNRSSIERERRRNRSPSRDRRRSRSRDRRTNR
 SSRSRDRRKIEDPRGNL SGNSHKHKGAEQDRKKERSRVDKDRKKDKERDREQDKRKEKQKREEK
 DFKFSSQDDRLKRKRESERTFCRSGSISVKVIRHDSRQDSKKNATKDSKKHSGSDSSGRSSSESPGSSKE
 KKAKKPKHSRSRSMESQSRSGKKASRKHKSRSRSTTPPRRKR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN:	NM_001025274
ORF Size:	2442 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_001025274.2, NP_001020445.2

RefSeq Size: 4112 bp

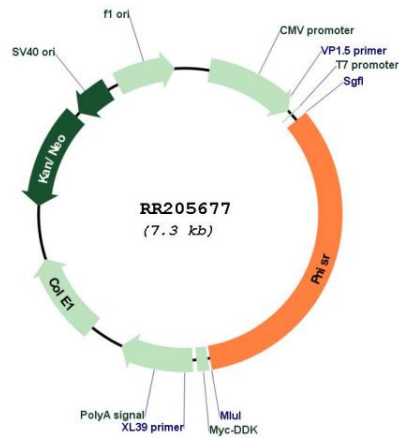
RefSeq ORF: 2445 bp

Locus ID: 297942

Cytogenetics: 5q21

MW: 93.4 kDa

Product images:



Circular map for RR205677