

Product datasheet for **RN205677**

Pnistr (NM_001025274) Rat Untagged Clone

Product data:

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



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Fully Sequenced ORF: >RN205677 representing NM_001025274
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTGGGATCAAGGAGGACAACCTTGGCAGCAATGGCCCTTGAACCAGCAACAGTGGATGCAGTCATTCC
 AGCACCAGCAAGATCCAAGCCAGATTGACTGGGCTGCTTTGGCCCAAGCTTGGATTGCACAAAGAGAAGC
 CTCAGGACAGCAAGCATCGTAGAACAACCACCAGGAATGATGCCAAATGGACAGGATATGTCTTCAATG
 GAGTCTGGTCCCAATAACCATGGAATTTTCAAGGGGATTCAAATTTTAAACAGAAATGTGGCAACCAGAAT
 GGGGAATGCATCAGCAGCCCCACACCCCTCCAGATCAGCCATGGATGCCACCAACACCAGGCCCAAT
 GGACATTGTTCTCTTCTGAAGACAGCAACAGTCAGGACAGTGGGAATTTGCCCTGACAACAGGCAT
 ATATTTAACCAGAAACATCACACTTTGGTGGACCACCTGATAATTTGCAGTGGGGCCGGTGAACCAGT
 TTGACTATCAGCATGGGGCTGCTTTTGGTCCACCACAAGGTGGATTTTCCTCTTATTGGCAACCAGG
 ACCTCCAGGACCACCAGCACCCACAGAACCGAAGAGAGCGGCCACCATCCTTCGGGACCGACAGCGC
 TCACCTATTGCACTTCCAGTGAAGCAGGAACCTCCACAGATTGATGCAGTGAAACGAGGACTCTCCAG
 CCTGGATTGAGAAGGCCTGGAGAAGATGGAGCGTGAAAAGCAGAAGAAATTAGAGAAAGAGAGAATGGA
 GCAGCAGCGCTCACAGCTGTACACAAAGAAAAGAAGGCCGCCGAAGATGCTGAAGGAGGACATGGTCTCT
 CGTTTACCCCAAGAAAGTAAATTTGATAGTGATGACGAGGATGAAGATGCTGAAAACCTAGAGGCTGTCA
 GCAGTGGGAAAGTCACCAGAAGTCCATCTCCAGTCCCAGGAGGAGCACAGTGAAGCAGAGATGACGGA
 GGAGGAGAAGGAGTATCAGATGATGTTATTGACAAAAATGCTTCTAACTGAAATTTCTTGGATGTACAC
 GATGAAGAAATTTATTACGTAGCTAAAGATGCACATCGAAAGCAACGAAAGCTCCTGCAAAACAGCTGG
 CACAGTCCAGTGCAGTGGCCTCCCTCACCGGCTCGGTGGACTGGGTGGTTATGGATCAGGAGACAGTGA
 AGATGAGAGGAGTGACAGAGGTTCTGAGTCATCTGATACTGATGATGAAGAATTACGGCACCGAATCCGG
 CAAAAACAGAAGCTTTTTGGAGAAAAGAGAAAGAGCAGCAGCTATTACAAGATAAACAGATGGAAGAAG
 AAAAGCAACAAACAGAAAGGTTACAAAAGAGATGAATGAATTTATTACAGAGAGCAAAATAGTTTATC
 ACTTCTAGAAGCAAGTGAAGCAGACGGTGATACGGTTAATGAAAAGAAAAGAACTCCAAATGAAGCTCCG
 TCAGTTTTAGAGCCCAAAAGAGAGCACAAAGGGAAGAGAGGAGCGGAGGAGTAGGTAGGCAGCAGCA
 GTAGCGGCAGCTCCAGTAGCAACAGCAGGAGCAGCAGCAGTGCAGCTCCGTGTCCAGTTCTTCTACAG
 CTCCAGCTCAGGCAGCAGCTGCACGTCTCTCGCTCCTCTCCTAAAAGGAAAAAGAGACACAGTAGG
 AGCAGGTCTCCACAGTGAAGCTAGACGAGCAGGAGCAGGAGTACTCTCGCAGAAATTAAGTAGACA
 GCAGCAGGACTAGGGTGAAGCTGAGAGATAGGAGGAGATCTAATAGAAGTAGCATTGAAAGAGAAAGACG
 AAGAAACCGGAGCCCTTCCCGAGACAGAGCTAGAAGCAGAAGTCGCTCAAGGGATAGACGAACCAATCGT
 TCCAGTCGAGTAGAAGTCGAGATAGGCGTAAAATTGAGGATCCAGTGGAAATCTTAGTGGGAACAGTC
 ATAAGCATAAAGGTGAGGCTAAAGAACAGACAGGAAAAAGGAGAGGAGTGAAGTGTAGATAAGGACAG
 GAGAAAGAAAGACAAGGAAAGGGACCGTGAACAGGATAAAAGAAAAGAAAACAGAAAAGGGAAGAAAA
 GATTTTAAATTCAGTAGTCAGGATGATCGGTTAAACGGAAGCGAGAAAGTGAGAGAACTTTCTGTAGGA
 GTGGTTCTATCTGTAAAGTCATAAGACACGACTCTAGACAGGATAGTAAGAAAAATGCAACCAAGA
 TAGTAAAAAGCATTGAGTTCTGATTCTAGTGGAAGGAGCAGTTCTGAATCCCCCGAAGTAGCAAAAGAA
 AAGAAGGCTAAGAAGCCTAAACATAGTCGGTCCGCTCCATGGAGAAATCTCAAAGGTCTGGTAAGAAGG
 CAAGCCGCAAAACAAAGTCTAAGTCCCGATCAAGATCAACAACCCCTCCCGTCTGAAGCGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001025274
Insert Size: 2445 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_001025274.2, NP_001020445.2</u>
RefSeq Size:	4112 bp
RefSeq ORF:	2445 bp
Locus ID:	297942
Cytogenetics:	5q21