

Product datasheet for **RN213149**

Ptk7 (NM_001106889) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptk7 (NM_001106889) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ptk7
Synonyms:	Srf
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213149 representing NM_001106889
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGAGCTTTGCCAGGGTGTCTGCTGGCACCTCAGGACGTCGTTGTGGCAAGGAATGAGGAGGCCATGTT
 CCATTGCCAGTTTTAGCTCAGCCGCCCGAGCCTGCAGTGGGTCTTTGAGGATGAGACTCCCATCACG
 AACCGAAGCCGCCATGGTGTGGCAATGGCTCCCTGCTGCTGACCCAAGTCCGGCCACGGAACGCAGGA
 GTCTACCGTTGCATTGGTCAGGGACAGAGGGTCCCCCATCGTCTAGAAGCCACTCTTACCTGGCAG
 AGATCGAAGACATGCTGCCGTTGGAACACGGGTGTTCAAGCTGGTGGTGGGAACGTTGCTGCC
 AGCCCCCAGGGTCTGCCTACGCCAGTGTCTGGTGGGAACACGCTGGAGTCCGTCTTCTGCTCATGGA
 AGGGTCCACCAGAAGGGCCTCGAGCTCGTGTGGCCACTATCGCTGAGAGTGACGCCGGTGTCTACACCT
 GCCACGCAGCCAACTGGCTGGTCCAGCGGCAGAGGATGTGAACATCACAGTGGCCACTGTTCCACGTTG
 GTTAAGGAAGCCCAAGACAGCCAGCTGGAAGAGGGCAAACCTGGCTACCTGCAGTGTCTGACACAGGCC
 ACACCCAAAGCCACCGTCACTGGTACAGGAACAGATGCTTATCTCGGAGGACTCACGCTTCGAAGTCT
 CAAAGAATGGGACCTTGGCATCAACAGTGTGGAGGTATATGACGGGACAGTGTACCGCTGTGTGAGCAG
 CACCCAGCTGGCAGCATCGAGGCCAGGCCCGTGTCCAGGTGCTGGAAAACTCAAGTTCACGCCACCG
 CCACAGCCACAGCAATGCATGGAGTTTGATAAGGAGGCTACGGTGCCTGCTCAGCCACTGGCCGAGAGA
 AACCCACGGTTAAGTGGGTACGGGCAGATGGGAGCAGCCTCCCGAATGGGTGACAGACAATGCGGGGAC
 CCTGCATTTGCCGAGTGACCCGAGATGACGCTGGCAACTACACCTGCATTGCGTCCAATGAGCCACAG
 GGCCAGATCCGTGCCATGTCCAGCTGACGGTGGCAGTTTTATCACGTTCAAGGTGGAACCGGAGCGTA
 CAACGGTGTACCAGGGCCACACGGCGTCTGCGGTGTGAGGCGCAGGGGGATCCCAAGCCTTTATTCA
 GTGGAAGGGCAAAGACCGAATCCTGGACCCACCAAGCTGGGACCCAGGATGCACATCTTCCAGAACGGC
 TCCTGGTGATCCATGATGTGGCCCTGAGGACTCAGGCTCTACACCTGCATCGCTGGCAACAGCTGTA
 ACATCAGGCACACAGAGGCCCGCTCTTAGTCGTGGTGGCCTTTGCAGAATGGACAGCCGTGACGAGA
 GATCCAGGAAGAAGTGGCGTTGACCAGCTTGGGCTCTGGCCCTACAGCCACCAACAAGCGCCACAGCACT
 GGCGATAAAGATGCATTTCCCTCGGGCCAGCCTGCAGCCCATCACCACTCTGGGAAAAGCGAGTTCGGGG
 AGGTGTTCTCGCAAAGGCTCAGGGCTTAGACGAAGGCGCAGACAGACCCTGGTCTTGTGAAAAGCCT
 GCAGAACAAGGACGAGCAGCAGCAGCTGGACTTCCGGAGGGAGTTTGGATGTTTGGGAACTGAACCAT
 GCCAACGTGGTGGGCTCCTGGGCTGTGCCGGAGGCTGAGCCCATACATGGTGTGGAGTATGTGG
 ACCTGGGAGATCTCAAACAGTTCCTGAGGATTTCCAAGAACAAGGATGAAAAGTTGAAGTACAGCCCT
 CAGCACCAAACAGAAGGTGGCCCTGTGTTCCAGGTGGCCCTGGGCATGGAACACTTGTCCAACAACCGC
 TTTGTGCAACAAGGACTTAGCTGCTCGCAACTGCCTGGTCAAGCCAGAGGAGGTAAGGTGTCCGCGC
 TGGGCTCAGCAAGGATGTATACAACAGTGAATACTACCACTTCCGCCAGGCCTGGGTACCTTTGCGTTG
 GATGTCCCGAGAGGCTGTCTGGAGGGTACTTCTCCACCAAGTCTGACGCTCTGGGCTTTGGCGTGCTC
 ATGTGGGAAGTGTCACTCATGGAGAGATGCCCATGGTGGACAGGGAGATGATGAGGTGCTGGCGGACT
 TGCAGGCTGGGAAGGCTCGGCTCCCGCAGCCGAAGGCTGCCCGTCTAAGCTCTACCGGCTGATGCAACG
 CTGCTGGGCCCTGAACCCCAAGGACCGCCCTCCTTCAGCGAGATCGCTAGCACCTGGGAGATGGCCCT
 GCAGACAGCAAGCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001106889
Insert Size: 2328 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:	<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:	<u>NM_001106889.1</u> , <u>NP_001100359.1</u>
RefSeq Size:	3934 bp
RefSeq ORF:	2328 bp
Locus ID:	301242
Cytogenetics:	9q12