

Product datasheet for **RN204259**

Ptpn22 (NM_001106460) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptpn22 (NM_001106460) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ptpn22
Synonyms:	Ptpn8
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204259 representing NM_001106460
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGACCAAGAGAAATTCTGCAGCAGCTACTGAAAGAGGCCAGAAAAAGAAAATTAACAGGGAGGAGT
 TTGCCAATGAATTTCTGAAGCTGAAAGGCAATCTACCAAGTACAAGGCAGACAAAATATATCCTACAAC
 CGTGGCTCAGAGGCCAAGAATATCAAGAAAAACAGATACAAGGATATTTTGGCCCTATGATCACAGCCTG
 GTAGAGCTGTCTCTGTTAACGTCCGATGAGGACTCCAGTTACATCAATGCCAGCTTTATTAAGGGTGTCT
 ATGGGCCAGGGCTTATATTGCCACTCAGGGTCTTTTCTACAACCTCCTGGACTTCTGGAGGATGAT
 CTGGGAATACCGTGTCTTGGTCACTGTCATGGCATGTATGGAGTTCGAAATGGGAAAGAAAAAGTGTGAG
 CGTTATTGGGCTGAGCCAGGAGAAACACAGCTGCAATTTGGCCCTTTTCTATATCCTGTGAACTGAGA
 AAAAGAAATCTGATTATAAAATCAGGACTCTGAAAGCCAAGTTCAATAGTAACTCGAATTGTTTACCA
 GTTTCATTATAAGAATTGGCCGACCATGATGTGCCTTCTCTATAGACCCTATCCTTCAGCTCATCTGG
 GATATGCGGTGTTACCAAGAAGACGACTGCGTTCCTCTATGCATTCAATGCAAGTCCGGCTGCGGAAGGA
 CGGGGGTCATTTGTGCTGTTGATTATACATGGATGTTGCTGAAAGATGGGATAATTCCTAAGAACTTCAG
 TGTTTTAAATTTGATTACGAAATGCGAACACAGAGGCCCTTCGCTAGTTCAAACTCAGGAACAGTACGAA
 CTGGTCTACACGCTGTGTTGGAAGTGTAAAGAGGCAGTGGACATTATCTCTGATAATCACCGTGAAA
 GAGAGATTCAAGCAGAATGTTCAATTCCTGAACAAAAGCTCACTATAGAAGCTGACTCTTATCCTCTGGA
 TTTTCCAAAAACGCCGTGAGAGATGCAAAAATGCAAAACCAGCAGAGCAAAACAGGGGCCGAAGCGGAG
 AGCACCGAAGTGTCTTCTTTGGCCTTAGAACTCTAAGATAAGTGCCAAGGAAGAGTTGGTTTTGCACT
 CTAATCTAGCCCTTCTTTGACTGTTTAGAGCTAAACTGTGAGTGAACAAGGCTGTATAACCGGAA
 CGGGCAGGCGAGGGCTTCTCTGGTCGTGGGAGAGCCGCTTCAGAAGTATCAAAGTCTGGACTTCGGTTCC
 ATATTGTTGGGTGCTGCTTAGTGCTCTGCCATAAACACAGCGAGCAGATGTACAACCTCAAAGGGGC
 CAGTAAAACGGACCAATCAACTCCTTTGAACTGATTACAGCAGAGGAAAACAAACGAGTTAGCTGTGGA
 AGACGGTCTTTCATGCTTGAATCTCAGCTGCTCGAGCACGGTCTCATGGAGTTCAGGGCGAAAAAGTG
 GCCCATGCTTCTCAGAAGAAGTGAATATTATTGCCGCTGCCTGCGAACGCCCGCATGTGATGCAT
 CTTGTGTACCGCAGGACGCCCGGTGCTTTGAGAGAGCATTGTGTATGCTTTAGCGGAAGATCCTTA
 CTTTTCATCATCCCTCCAAATAGTGCTGGTCTAAGATGTCTTTGATCTGCCTGAGAAACAAGATGGA
 GCCACTTCTCCTGGTGTGCTCAGCTGCCAGCCTCTTCTGCAGCCTCCTCTTATAGTAACCCACGGGATT
 CCTAATGGAGAGCACTTAACAGCTTTCCCGCCAATAAACCAAGAGACAGCTATAGAAGCCACTTC
 TGCAAGGACAGATGATGAAATCCCCCGCCACTCCCTGAACGGACACCTGAGTCCTTCATTGTGGCCGAA
 GCAGCCGGAGAGCCCTCGCCAAGCATTACTGAGTCCTTACCTCTGGCAGGAAAATCTGGAGTGACTGG
 AATGCGGGGGAACATCTGAGTCACAGAGCCATGACTTGGTGGCGTTTACGTCAAGCAAGAATGTGGAAC
 CGGAAGTCCCAATCAGATCAACATCAGGATGGTCTCCTCCACCTCCACTCCAGAAAGAACTCTGGAG
 TCCTTCTTTCTGCTGACGAGGACTGTATACAGGCCAACCCATGAAACCTTCTCTATTAGCTATCCTG
 AAACCACAGAGATCTCCACATCTTCTAAGCAAACATTGAAGACCCAGGAAAAAGTTTACAAGGAGCAA
 GAGTTTGAAGATTTTCCGAAATATGAAAAAAGTGTTTGTAATTCTCCCTCACCAAGCAAGCCTACAGAA
 TGTGTTACGCCAAAAAATTCAGCTCCTTCTGAATTTGGTTTTGGAACCTGTTTTTCAAACCCAAAG
 GACCAAGGAACCCACCATCAACTTGAATATTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001106460
Insert Size: 2415 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_001106460.1</u> , <u>NP_001099930.1</u>
RefSeq Size:	2747 bp
RefSeq ORF:	2415 bp
Locus ID:	295338
Cytogenetics:	2q34