

Product datasheet for **RN209957**

Ptpn14 (NM_001107200) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptpn14 (NM_001107200) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ptpn14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN209957 representing NM_001107200
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCATGTCCAGTGCAGTGCAGTACTCGGAGACCCATACTTCCAAGACAGTATCTTTCTGGGAATG
 AAGAAGCCTTGTACTGCAATTCTACAACAGCCTGGACCTAAATTAATGGAATGGACCGTACCAATGG
 CAGCGTGTGCAGCGTTCACAGCATCAACTCCCTCAGCTGCTCCCAAAGCTTCATCCAGGCGTCTCCAGTG
 TCCTCCAACCTCAGCATCCCAGGAAGTGACATCATGAGGGCCGATTACATCCCCAGCCACCGCCACAGCA
 CCATCATCGTGCCGCTCTACAGGCCGACCCAGACTACGAGACAGTATGCGGCAGATGAAGAGGGGGCT
 GCTGCACGCGGACAGCCAGAGCCGGTCTCTGCGGAATCTCAACATCATCAACACCCACGCTACAACCGAG
 CCCGAGGAACTGGTGTACAGCCAGCCAGAGATGCGGGAGAGGCACCCCTACACGGTCCCGTACGCACCCC
 AGGGGGGTATGGTCAAACTTGTAGTCCATCTGACCAGGTGAACCCCCAAAATAGTGCATGCCTAG
 CAAGCCAGGGGCCGGCTCCATCTCGCACACAGTGCAGACTCCAGAACTGGCCAACATGCAGCTCCAAGGA
 GCCCAGCACTACAGCACGGCCCATGTCTCAAGAACTATCTCTTTAGGCCGCCGCCCTTACCCAGGC
 CCCGCCCTGCCACCAGCACCCAGACCTCGCCAGCCACCGCCACAAGTACGTACGCGGCAGCAGCCCTGA
 TCTGGTAACTCGCAAAGTGCAGCTCTCTGTGAAGACCTTCAGGAGGACAGCTCTCCCGTGGTCCATCAG
 TCTCTGCAGGAGGTGAGCGAACCCTCACTGCCACCAAGCACCATGGCGGGGGTGGTGGCGCGGTGAACA
 AACGCCACAGCCTGGAGGTGATGAACAGCATGGTGCAGGCATGGAGGCCATGACGCTCAAGTCGCTCAA
 TATCCCATGGCTCGACGCAACACACTTCGGGAGCAGGGCCCTCCGAGGAGGCCGGCCAGCAGCTG
 CATGGCCTCCCCAGTATCACCAAGAAGACCTTCTCGGATGCCACCATGCTGATCCACAGCAGTGAG
 GCGAGGAGGAGGAGGAGGCCCGGAGGAGCAGCCTCAGATTCCCGAGCTCCGGGAGAAAGTAGAATACAG
 TGCCAGCTGCAGGCCGCCCTGGCCCGCATTCCACAGCAGGCCCCACCTGAGTACCCAGGGCCAAGAAAA
 AGCGTCAGTAATGGGACGCTGAGACAGGACCAGGGGACCCCTCTTCTGCCATGGCCAGGGCCAGGGTGC
 TGAGACATGGACCAGCCAAGGCCCTCAGTGTCTCCCGGGCCGAGCAGCTAGCTGTCAACGGGGCCTCTCT
 GGGCCCTCCATCTCTGAGCCTGACCTAACAGCGTGAAGGAGCGGGTCAAGAAAGAACCTGTGAAGGAA
 AGGCCGGTGTGAGAGATGTTCTCCCTGGAGGACAGCATTATAGAGAGAGAGATGATGATTAGGAATCTGG
 AGAAGCAGAAGATGACGGCCCTGCAGGCACAGAAGAGACCCTGATGTTAGCAGCACTCAATGGGCTCTC
 AGTGGCCCGAGTCTCGGGCGGGGAGATGGTGCATGATGTACCCGAGTCCCATGGATGAGAGGCTC
 AGAGCCCTGAAGAAGAAGCTGGAAGATGGAATGGTGTTCACGGAGTACGAGCAGATCCCAGAACAAAAGG
 CCAATGGCATCTTCAGCACCGCCACTCTGCCCGAAAATGCTGAGCGCAGCCGGATCCGAGAAGTCGTCCC
 TTATGAGGAGAATCGAGTGGAGCTCATCCCAGCAAAAGAAAACAACACCGGCTACATCAACGCCTCCAC
 ATCAAGGTGGTGGTGGTGGATCAGAAATGGCACTACATTGCCACCCAGGGGCCCTTGCACATACATGCC
 ATGACTTCTGGCAGATGGTGTGGGAGCAGGGGGTGAATGTGATCGCCATGGTCACTGCAGAGGAGGAGGG
 TGGACGGACAAAAGCCATCGATACTGGCCAAACTGGGGTCAAAGCACAGCTCAGCCACCTACGGCAAG
 TTCAAGGTCACCACCAAGTTCGGACAGATTCTGGTGTGCTATGCAACCACGGGCTAAAGGTGAGCACC
 TGCTCTCGGGGACAGGAGGACGGTGTGGCACTGCAGTACACCGACTGGCCCCACCACGGATGCCCAGA
 GGATGTCCAAGGATTTTGTCTACTTGGAGGAAATCCAGTCACTCAGACGCCACCAACAGCGTGTCTG
 GAAGGCGTCAAGACCAGGCACCCCCATCGTGGTTCAGTGCAGCGCAGGGGTGGGAAGGACCGGGTGG
 TGATTCTCTCGAGCTCATGATCTACTGCCTAGAGCATAATGAAAAGGTGGAGGTGCCACGATGCTGAG
 ATTCTCAGGGAGCAGAGGATGTTATGATCCAGACCATCGCGCAGTACAAGTTCGTCTACCAAGTCCTC
 GTCCAGTTCTGCAGAATTCCAGGCTCAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107200
Insert Size: 2553 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_001107200.1</u> , <u>NP_001100670.1</u>
RefSeq Size:	4165 bp
RefSeq ORF:	2553 bp
Locus ID:	305064
Cytogenetics:	13q27