

Product datasheet for **RN204902**

Ptpn12 (NM_057115) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptpn12 (NM_057115) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ptpn12
Synonyms:	Ptpg1; RKPTP
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204902 representing NM_057115
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGCAAGTGGAGATTCTGAGGAGTTCATCCAGAGGTTCCAGGCCATGAAAAGTCCGGACCACAATG
GGGAGGACAACCTCGCCCGGACTTCATGCGATTGAGAAGATTGTCTACCAAATATAGAACAGAAAAGAT
TTATCCCACAGCCACTGGAGAAAAAGAAGAAATGTTAAAAAGAACAGATATAAGGACATACTGCCATTT
GATCACAGCCGAGTTAAGTTGACTTTGAAGACACCATCCCAAGATTCAGATTATATCAATGCAAATTTTA
TTAAGGGTGTATATGGGCCGAGAGCATACTGGCAACCCAAGGGCCTTTGGCGAATACAGTCATAGACTT
CTGGAGGATGATATGGGAGTACAATGTGGTGATCATTGTAATGGCCTGTCGTGAATTTGAGATGGGAAGG
AAAAAGTGTGAGCGCTATTGGCCTTTGTATGGAGAAGATCCTATAACATTTGCACCATTTAAAATTTCTT
GTGAAAATGAACAAGCAAGAACAGACTACTTCATTGCAACTTTTACTTGAATTTCAAATGAATCCCG
TCGACTCTATCAGTTTCATTACGTGAACGAGCCAGACCATGATGTCCTTCGTCATTTCGATTCTATCCTG
GACATGATAAGTCTAATGAGGAAGTACCAAGAGCACGAAGATGTGCCTATTTGTATCCATTGCAGTGCAG
GCTGTGGACGGACAGGTGCTATTTGTGCCATCGACTACACGTGGAACCTACTGAAAGCAGGGAAAATTC
AGAGGAATTTAATGTATTTAATTAACAAGAAATGAGAACACAAGGCACTCTGCAGTACAAACGAAG
GAGCAGTATGAACTCGTCCATAGAGCTATTGCCAACTGTTTGAACCAAGCTACAACCTGTATGAAATCC
ACGGAGCCAGAAAATCACTGATGGTAATGAAATAGCACTGGAAACATGGTCAGTTCATTGATAGTGA
AAAACAAGATTCTCTCTCAAAGCCACCACGGACTCGAAGTTGTCTTGTAGAGGGGATGCCAAGGAA
GAAATCCTCCAGCCAGAGCCTCACCCGGTCCCGCCATCCTGACACCGTCGCTCCTTCAGCATTCC
CAACCGTTACCCTGTGTGGCAAGACAGTGCAGGTACCACCAAGCCAGTGCATGCATGGCTTCCCC
AGAGCAGCCCAACGGACCTCAACAGAAACTATGATAAGTCAGCGGACCTAATGGGGAGAAGCGAATCT
GCTGTTGAGCACACAGATAAAAAAGTTAGAACAATTTAAGTTTTGAGATTAAGAAAGTCCCTCTCCAAG
AAGGGCCCAAAAGTTTTGATGGGAACACACTCTTGAATAGGGGACATGCGATTAATTAAGTCTGCTTC
ATCTTCTGTAGTTGACAAAAGCTCTAAGCCACAGGAGTTAAGTTCAGGTGATCTAAAGTTACAGATGTG
TCTCAGAATTCCTGTGCGGACTGCAGTGCCTCACACTTAGACAACGCTCCTGAGTCTTCAGAAGAGTCCC
AGAACTCACACACCTCCACGGCCAGACTGCTTGCCCTTGATAAGAAAGGACATGTGACATGGTCACT
TCATGGACCTGAAAATGCCACACCTGTATCTGACTCACCAGATAATCATTCTCAAACCTAAAAACTGTG
AGTTCCACACAACTCGACAGCAGAAGAGGAATCCCACGATCTCACAGAGCACCATAACAGCTCCCTC
TGCCGAGAGCTCCTCTCAGCTTTACCAACCTCTTCACTCTGACGACTCCGACTCAGACGAAGGGAACT
CGATGGTGTGTGACCAAGAACAAAAGTATGCAATTTCAACAGCAAGTGCCACCGTGTCTCCTGCCAGTAGT
ACCGAGAGTGCTTGCAGTGGAGAGTACTGCCATGTCCATTGCCAGGCAGGAAATGGCAGGAAGGCGGC
ATTCAGGTGCTGAGAAAGATGCTGACGTTAGTGAAGAGTGCCTCCTCCCTTACCTGAAAGAACTCCCGA
GTCTTTTGTATTAGCAGATATGCCATAAGATCTGATTGGCATGAACTTCCAAGTCAGGAGTGTCTCGGAG
CACAGGGAATCTGAAGGCTTGATAACCTCTGAAATGACAAACACGATGCAGGGGTTTCCACACAGCGG
CTTGTTCAACCACTTTTCAGTGACAAGAAAGAGGAAATAACAGAAAGTCTAACAGAAAGTCACAGACATTGG
TTTTGGTAATCGCTGTGGAAAACCTAAAGGACCAAGAGATCCACCTTCAGAAATGGACATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_057115
Insert Size: 2301 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:	NM_057115.2 , NP_476456.2
RefSeq Size:	3167 bp
RefSeq ORF:	2301 bp
Locus ID:	117255
Cytogenetics:	4q11
Gene Summary:	has protein tyrosine phosphatase activity [RGD, Feb 2006]