

Product datasheet for **RN201155**

Ptpn18 (NM_001013111) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptpn18 (NM_001013111) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ptpn18
Synonyms:	PTP20
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201155 representing NM_001013111
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTCGCCAATCGGACCTAGTGAGGAGCTTCTTGAGCAGCAGGAGGCCCGGACCACCGGAAGGGG
 CAATCCTCGCCCGTGAGTTCAGCGACATTAAGGCCGCTCAGTGGCTTGAAGACTGAAGGTGTGTGCTC
 CACTAAAGCCGGCAGTCAGCAGGAAAACCAAAGAAGAACCCTACAAAGACGTGGTACCGTATGATGAG
 ACGAGAGTCATCCTTTCCCTGCTCCAGGAGGAAGGACACGGAGATTACATTAATGCCAACTTCATCCGGG
 GCACAGATGGAAGCCAGGCTACATTGCGACGCAAGGACCCCTGCCTCACACTCTGTTGGACTTCTGGCG
 CCTGGTTTGGGAGTTTGAATCAAGGTGATCTTGATGGCCTGTCAGGAGACAGAAAATGGACGGAGGAAG
 TGTGAACGCTACTGGGCCAGGAGCGGGAGCCTCTACAGGCCGGCCTTCTGCATCACCTGACAAAGG
 AGACAGCACTGACTTCGGACATCACTCTCAGGACCTCCAGGTTACATTCCAGAAGGAATCCCGTCTGT
 GCACCAGCTACAGTACATGTCTTGCCCGGACCACGGGGTCCCAGCAGTCCGATCACATTCTCACCATG
 GTGGAGGAGGCCGTTGCCCTCAAGGACTTGGACTGGACCCCTCTGTGTCCACTGCAGTGTGGCTGTG
 GACGAACAGGTGTCTTGTGTGCTTTGATTACGTGAGGCAGTTGCTTCTGACTCAGACAATCCCACCCAA
 TTTTCAGCCTCTTTGAAGTGGTCTCGAGATGCGGAAACAGCGACCTGCAGCGGTGCAGACAGAGGAGCAG
 TACAGGTTCTGTACCACACAGTGGCTCAGCTATTCTCCCGCACTCTCCAGAACAACAGTCCCCTTACC
 AGAACCTCAAGGAGAACCAGCGCTCAATCTGCAAGGACTCCTCGTCCCTCAGGACCTCCTCAGCCCTGCC
 TGCCACATCCCGCCACTGGGTGGCGTTCTCAGGAGCATCTCGGTGCCTGGGCCACCGACCTTCCCATG
 GCTGACACTTACGCTGTGGTGCAGAAGCGTGGCGCTTCCGGCAGCACAGGGCCGGGACGGGGCGCCCA
 ACAGCACGGGACACCCCGATCTACAGCCAGTGGCTCCAGTATCCAGCGGCCCGTGCACACACCGAAAA
 CGCGCAGGGGACAACGGCACTGGGCCGAGTTCTCGCGGATGAAAACCCCTTCCGGGCTGATGCCTATGAG
 GAAGTAACAGATGGAGCGCAGACTGGTGGCTAGGCTTCAACTTGCGCATTGGAAGACCTAAAGGGCCAC
 GGGATCTCCAGCGGAGTGGACACGGGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001013111

Insert Size: 1362 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: [NM_001013111.1](#), [NP_001013129.1](#)
RefSeq Size: 1362 bp
RefSeq ORF: 1362 bp
Locus ID: 301333
Cytogenetics: 9q21