

## Product datasheet for **MC209261**

### Ptpn20 (NM\_008978) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ptpn20 (NM\_008978) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ptpn20  
**Synonyms:** typ  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC209261 representing NM\_008978  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTCTTCACCCAGGAAGGTTAGAGGAAAACTGGAAGAGATAATGATGAAGAGGAGGGTAATTCAGGTA  
 ACCTGAATCTCCGCAACTCTTTGCCTTCATCGAGTCAGAAAATGACGCCTACGAAGCCGATTTTTGGAA  
 TAAAATGAATTCAGAGAATGTAAAACCTCCCATCACCTGTCATTCTCAGATAAGTATGAGCTTGTTTAC  
 CCAGAGCCTTTGGAAAGTGACACTGATGAGACTGTGTGGGATGTCAGTGACCGGTCTCTCAGAAACAGGT  
 GGAACAGTATGGATTCAGAGACTGCAGGGCCGTCAAAGACTGTCTCCCCAGTGCTTTCTGGTAGTAGTAG  
 GCTCTCAAAGGACACTGAAACATCTGTCTCTGAAAAGGAGCTAACTCAGTTGGCTCAGATTTCGACCATTA  
 ATATTCACAGTTCTGCACGGTCTGCTATGCGGGATTGTTTGAACACGCTTCAGAAAAAAGAAGAACTTG  
 ATATCATCCGTGAGTTTTTGGAGTTAGAACAAATGACTCTGCCTGATGACTTCAATTCTGGGAATACACT  
 ACAGAACAGAGATAAGAACAGATACCGAGATATCTTCCATATGATTCAACACGTGTTCTCTTGGAAAA  
 AACAAGGACTACATCAACGCTAGTTATATTAGAATAGTAAATCATGAAGAAGAGTATTTTTATATTGCCA  
 CTC AAGGACCATTGCCAGAAACTATAGAAGACTTTTGGCAAATGGTTCTGAAAAATAATTGTAATGTTAT  
 TGCTATGATAACCGAGAGAGATAGAATGTGGAGTTATCAAGTGTTACAGTTACTGGCCATTCTCTGAAG  
 GAGCCTTTGGAATTCGAACACTTTAGTGTCTTTCTGGAGACCTTTCATGTAACCTCAATTTTCACCGTTC  
 GAGTATTTAGATTGTGAAGAAGTCCACAGGAAAGAGCCAATGTGTAAAACACTTGCAGTTCACCAAGTG  
 GCCAGACCATGGCACTCTGCCTCAGCAGATTTTTTCAAAAATATGTCCGTTATGTGAGGAAGAGCCAC  
 ATTACAGGACCCCTCTTGTCTCACTGCAGTGTGGTGTAGGCCGAACAGGGGTGTTTATGTGTGGATG  
 TTGTGTTCTCTGCCATCGAGAAGAATACTCTTTTACATTATGAACATAGTGACCCAGATGAGAAAGCA  
 GCGCTGTGGCATGATTCAAACCAAGGAGCAGTACCAGTTTTGTTATGAAATTGTGCTTGAAGTTCTTCAG  
 AACCTTCTGGCTTTGTAT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_008978
<b>Insert Size:</b>	1281 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_008978.2</a> , <a href="#">NP_033004.1</a>
<b>RefSeq Size:</b>	3090 bp
<b>RefSeq ORF:</b>	1281 bp
<b>Locus ID:</b>	19256
<b>UniProt ID:</b>	<a href="#">O55082</a>
<b>Cytogenetics:</b>	14 B
<b>Gene Summary:</b>	Tyrosine-protein phosphatase targeted to sites of actin polymerization in response of varied extracellular stimuli. Has tyrosine phosphatase activity towards various tyrosyl phosphorylated substrates.[UniProtKB/Swiss-Prot Function]