

Product datasheet for **MC207956**

Ptpn7 (NM_177081) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ptpn7 (NM_177081) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ptpn7
Synonyms: BPTP-4; C920001D21Rik; HEPTP; LC-PTP; LPTP
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207956 representing NM_177081
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGTCCAGGCCGTGTGAGGGCGCTCCAGAGCACAGCTGCCGACCTTGTCTTTGGGGCAGACATGACTC
AGCTCCACCCACAAAGCTCCAGCCAAGAAGCATGTGCGGCTGCAGGAGAGAAGGGCTCCAGTGTGGC
TCTGATGCTGGATGTACAGTCTCTGGGCACGGTTGAACCCATCTGCTCAGTGAACACACCCCGGGAAGTC
ACCTACACTTCCCTGCGCACGGCTGGACACCCCTTACACGCTGGACGCTACAGCACCAACTCCCAGCC
CCAAGCAGCTAGAGGAGGAATTCTGAAGATCCCTCAAACCTTTGTCAACCTGAAGACCTGGATATCCC
TGGCCACGCTCCAAAGACCGCTACAAGACCATCTTGCCAAATCCCAGAGCCGTGTCTGTCTTGGCCGG
GCACAGAGCCAGGAGGACAGTACTACATCAATGCCAACTACATCCGGGGCTATGACGGGAAGGAGAAGG
TCTACATTGCCACCCAGGGCCCCATGCCAACTGTAGCAGACTTCTGGGAGATGGTGTGGCAAGAAGA
CGTATCCCTCATTGTCTGCTCAGCCAGCTCCGAGAGGGCAAGGAGAAATGTGTACTACTGGCCACA
GAAGAGGAAGCCTATGGGCCCTCCAGATCCGCATCCAGGACATGAAAGAGCACCCAGAATACACTGTGA
GGCAACTCACCATCCAGCACCAACAGGAATGCCGTTTCAGTGAAGCACATCCTCTTCTCAGCCTGGCCAGA
CCACCAGACTCCAGAATCAGCGGGCCCTGCTGCGCCTGGTGGCCGAGGTGGAGACTCCAGAGACAGCT
GCCAACTCCGGGCTATAGTGGTTCAGTGCAGTGCAGGGATCGGCCGGACCGGCTGCTTCATCGCCACCC
GCATCGGCTGCCAGCAGCTGAAGGCCGAGGGGAGGTGGATATTCTGGGCATCGTGTGCCAACTTCGACT
AGACAGAGGAGGCATGATCCAGACGGCCGAGCAGTACCAGTTTCTGCACCACACTTTGGCCCTATATGCA
GCCAGCTGCCCGGAGCCCAACCC**TGA**

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_177081



Insert Size:	1080 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_177081.3, NP_796055.1</u>
RefSeq Size:	3264 bp
RefSeq ORF:	1080 bp
Locus ID:	320139
UniProt ID:	<u>Q8BUM3</u>
Cytogenetics:	1 E4
Gene Summary:	May play a role in the regulation of T and B-lymphocyte development and signal transduction. [UniProtKB/Swiss-Prot Function]