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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC207956 representing NM_177081
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGTCCAGGCCTGTGAGGGGCGCTCCAGAGCACAGCTGCCGACCTTGTCTTTGGGGGCAGACATGACTC
AGCCTCCACCCACCAAAGCTCCAGCCAAGAAGCATGTGCGGCTGCAGGAGAGAAGGGGCTCCAGTGTGGC
TCTGATGCTGGATGTACAGTCTCTGGGCACGGTTGAACCCATCTGCTCAGTGAACACACCCCGGGAAGTC
ACCCTACACTTCCTGCGCACGGCTGGACACCCCCTTACACGCTGGACGCTACAGCACCAACCTCCCAGCC
CCAAGCAGCTAGAGGAGGAATTCTTGAAGATTCCCTCAAACTTTGTCAACCCTGAAGACCTGGATATCCC
TGGCCACGCCTCCAAAGACCGCTACAAGACCATCTTGCCAAATCCCCAGAGCCGTGTCTGTCTTGGCCGG
GCACAGAGCCAGGAGGACAGTGACTACATCAATGCCAACTACATCCGGGGCTATGACGGGAAGGAGAAGG
TCTACATTGCCACCCAGGGCCCCATGCCCAACACTGTAGCAGACTTCTGGGAGATGGTGTGGCAAGAAGA
CGTATCCCTCATTGTCATGCTCACCCAGCTCCGAGAGGGCAAGGAGAAATGTGTACACTACTGGCCCACA
GAAGAGGAAGCCTATGGGCCCTTCCAGATCCGCATCCAGGACATGAAAGAGCACCCAGAATACACTGTGA
GGCAACTCACCATCCAGCACCAACAGGAATGCCGTTCAGTGAAGCACATCCTCTTCTCAGCCTGGCCAGA
CCACCAGACTCCAGAATCAGCGGGGCCCCTGCTGCGCCTGGTGGCCGAGGTGGAGACTCCAGAGACAGCT
GCCAACTCCGGGCCTATAGTGGTTCACTGCAGTGCAGGGATCGGCCGGACCGGCTGCTTCATCGCCACCC
GCATCGGCTGCCAGCAGCTGAAGGCCCGAGGGGAGGTGGATATTCTGGGCATCGTGTGCCAACTTCGACT
AGACAGAGGAGGCATGATCCAGACGGCCGAGCAGTACCAGTTTCTGCACCACACTTTGGCCCTATATGCA
GCCCAGCTGCCCCCGGAGCCCAACCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites: SgfI-MluI

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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:	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_177081.3, NP_796055.1
RefSeq Size:	3264 bp
RefSeq ORF:	1080 bp
Locus ID:	320139
UniProt ID:	Q8BUM3
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]

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