

Product datasheet for RN215698

Ptpn7 (NM_145683) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ptpn7 (NM_145683) Rat Untagged Clone
Tag: Tag Free
Symbol: Ptpn7
Synonyms: Heptp; Lcptp
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN215698 representing NM_145683
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTCCAGGCCGTGTGAGGGCGCTCCAGAGCACAGCTGCCGACCTTGTCTTTGGGGCAGACATGACTC
AGCCTCCACCCGCAAAGCTCCAGCCAAGAAGCATGTGCGGCTGCAGGAGAGAAGGGCTCCAGTGTGGC
TCTGATGTGGATGTGCGGTCACTGGGCACTGTGAGCCCATCTGCTCAGTGAACACACCCCGTGAAGTC
ACCTGCACTTCTGCGCACAGCCGGCACCCCTTACACGCTGGACTCTACAGCACAGCTCCAGCC
CCAAGCAGCTAGAAGAGGAATTCTGAAGATCCCTCAAACCTTTGTCAACCTGAAGACCTGGATATCCC
TGGCCATGCCTCCAAAGACCGATACAAGACCATCTTGCCAAATCCCAGAGCCGTGTCTGTCTTGGCCGG
GCACACAGCCAGGAGGACAGCGACTACATCAATGCCAATTACATCCGGGGCTATGATGAAAGGAGAAGG
TCTACATTGCTACCCAGGGCCCATGCCCAACTGTAGCAGACTTCTGGGAGATGGTGTGGCAGGAAGA
TGATCCCTCATTGTCTGCTCAGCCAGCTCCGAGAGGGCAAGGAGAAATGTGTACTACTGGCCACA
GAAGAGGAAGCCTATGGGCCCTCCAGATCCGCATCCAGGCATGAAAGAGCACCCAGAATATACTGTGA
GGCACCTCACCATTCAGCACCAACAGGAATGCCGGTCAGTGAACACATCCTCTTCTCAGCTGGCCAGA
CCACCAGACCCAGAATCAGCCGGGCCCTGCTGCGCCTGGTGGCTGAGGTGGAGACCCAGAGACAGCT
GCCAACTCCGGGCTATAGTGGTCCACTGCAGCGCAGGGATCGGTGCGACAGGCTGCTTTCATCGCCACCC
GAATCGGCTGCCAGCAGCTGAAGGCCGAGGGGAGGTGGACATTCTGGGCATTGTGTGCCAACTTCGCT
AGACAGAGGAGGCATGATCCAGACGGCGGAGCAGTACCAGTTCCTACACCACACTTTGGCCCTGTATGCA
GCCAGCTGCCCGGAGACCGACCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_145683



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_145683.1, NP_663716.1</u>
RefSeq Size:	2032 bp
RefSeq ORF:	1080 bp
Locus ID:	246781
UniProt ID:	<u>P49445</u>
Cytogenetics:	13q13
Gene Summary:	tyrosine phosphatase found in T cells, B cells and mast cells [RGD, Feb 2006]