

Product datasheet for RC216161

PRX (NM_020956) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: PRX (NM_020956) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: PRX
Synonyms: CMT4F
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC216161 representing NM_020956
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGGCCAGGAGCCGGAGTGCCGAGGAGCTGAGGCGGGCGGAGTTGGTGGAAATTATCGTGGAGACGG
 AGGCGCAGACCGGGTACGCGGCATCAACGTAGCGGGCGCGCAAGAGGGAATCTTCGTTGGGAGCT
 GCGCGAGGACTCACCCGCCAGGAGCCTCAGCCTGCAGGAAGGGGACCAGCTGCTGAGTGCCCGAGTG
 TTCTTCGAGAACTCAAGTACGAGGACGCACTACGCTGCTGCAATGCGCCGAGCCTTACAAAGTCTCT
 TCTGCCTGAAGCGCACTGTGCCACCGGGACCTGGCTCTGCGGCCCGGACCGTGTCTGGCTACGAGAT
 CAAGGGCCCGCGGCCAAGGTGGCCAAGCTGGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC216161 representing NM_020956
 Red=Cloning site Green=Tags(s)

MEARSRSAEELRRAELVEIIVETEAQTVGSGINVAGGGKEGIFVRELREDSIPAARSLSLQEGDQLLSARV
 FFENFKYEDALRLLQCAEPYKVSFCLKRTPVPTGDLALRPGTVSGYEIKGPRAKVAKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8017_c12.zip

Restriction Sites: SgfI-MluI



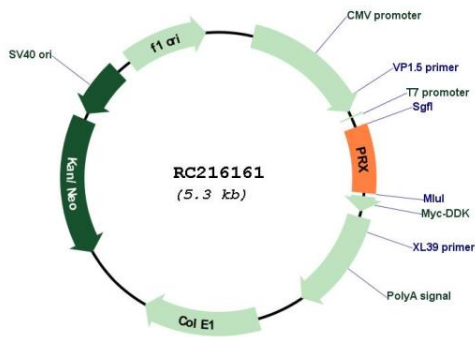
[View online »](#)

UniProt ID: [Q9BXM0](#)
 Cytogenetics: 19q13.2
 Protein Families: Druggable Genome

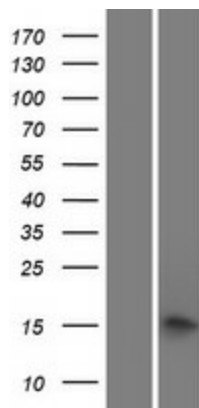
MW: 15.8 kDa

Gene Summary: This gene encodes a protein involved in peripheral nerve myelin upkeep. The encoded protein contains 2 PDZ domains which were named after PSD95 (post synaptic density protein), DlgA (Drosophila disc large tumor suppressor), and ZO1 (a mammalian tight junction protein). Two alternatively spliced transcript variants have been described for this gene which encode different protein isoforms and which are targeted differently in the Schwann cell. Mutations in this gene cause Charcot-Marie-Tooth neuropathy, type 4F and Dejerine-Sottas neuropathy. [provided by RefSeq, Jul 2008]

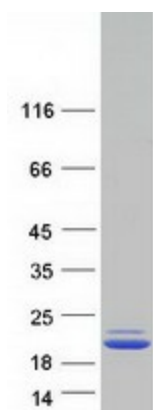
Product images:



Circular map for RC216161



Western blot validation of overexpression lysate (Cat# [LY412179]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC216161 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified PRX protein (Cat# [TP316161]). The protein was produced from HEK293T cells transfected with PRX cDNA clone (Cat# RC216161) using MegaTran 2.0 (Cat# [TT210002]).