

Product datasheet for **RC203702**

PRTFDC1 (NM_020200) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRTFDC1 (NM_020200) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PRTFDC1
Synonyms:	HHGP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC203702 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGGGAGCAGCGAGGAGGCCAGACTACGGCGAGGCGTCGTGATTATGGATGATTGCCAGGGT
ATGACTTGAATTTATTCACGTACCCACAGCACTATTATGGAGACTTGGAGTATGCCTCATCCCTCATGG
TATCATTGTGGACAGAATTGAGCGGCTGGCCAAGGATATTATGAAAGACATAGGATATAGTGACATCATG
GTCCTGTGTGTGCTTAAAGGAGGTTACAAATTCGTGCTGATCTCGTAGAACACCTTAAGAACATCAGCC
GAAATTCAGATCGATTTGTCTCAATGAAGTTGATTTTCATCAGACTAAAAAGTTACAGGAATGACCAGTC
CATGGGTGAGATGCAGATAATCGGAGGCGATGATCTTCAACGCTGGCTGAAAGAATGTTCTCATTGTT
GAGGATGTTGTCGGAACGGGAGGACCATGAAAGCACTACTCAGCAATATAGAGAAATACAAGCCCAACA
TGATTAAGGTAGCCAGTTTGTGGTGAAGAGAACATCCAGAAGTGACGGCTTTAGACCTGACTATGCTGG
ATTTGAGATTCCAAATTTATTTGTTGGTGGGATATGCCTTAGATTACAATGAATACTTCAGAGATCTGAAT
CACATATGCGTCATCAATGAGCACGGTAAAGAAAAATATCGAGTC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_020200.7](#)

RefSeq Size: 2002 bp

RefSeq ORF: 678 bp

Locus ID: 56952

UniProt ID: [Q9NRG1](#)

Cytogenetics: 10p12.1

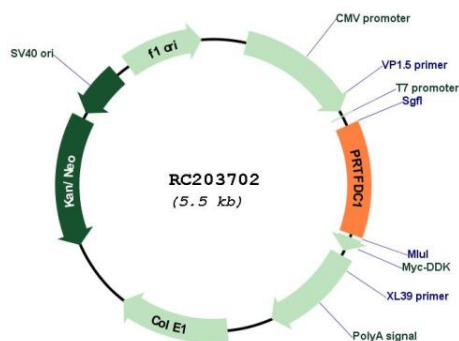
Domains: Pribosyltran

Protein Families: Druggable Genome

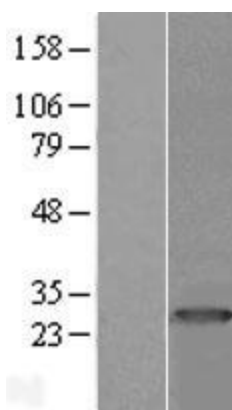
MW: 25.7 kDa

Gene Summary: Has low, barely detectable phosphoribosyltransferase activity (in vitro). Binds GMP, IMP and alpha-D-5-phosphoribosyl 1-pyrophosphate (PRPP). Is not expected to contribute to purine metabolism or GMP salvage.[UniProtKB/Swiss-Prot Function]

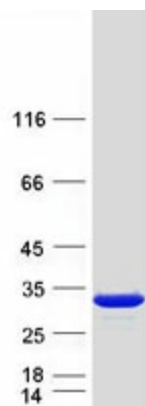
Product images:



Circular map for RC203702



Western blot validation of overexpression lysate (Cat# [LY412622]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC203702 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified PRTFDC1 protein (Cat# [TP303702]). The protein was produced from HEK293T cells transfected with PRTFDC1 cDNA clone (Cat# RC203702) using MegaTran 2.0 (Cat# [TT210002]).