

Product datasheet for MR205503

Pstk (NM_001039534) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pstk (NM_001039534) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Pstk
Synonyms: 5430423O14Rik; 5730458D16Rik; Gm1099; R75284
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR205503 representing NM_001039534
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGACCGGGCGGCTCGTGGGGCCACTCGCAGAGACGGACAGCCAACTAGGACTGTGCGTCTCT
 GCGGCTTGCCGGCGGCCGAAAGTCGACTTTTGCACGTGCGCTGGCCCTCCGCCTGCGCGGGAGCGGG
 TTGGGCCGTGGGCGTCTCTCTACGACGATGTGCTGCCTTTGCGCTCCCGACTGCGATGGCACACAG
 CCTCGGCCATCCCAGTGGAAAATGTTCCGACAAGAAGTAAAGCACCTGGAATGCTTCTCGTGGCGG
 TCATTAGTGGGGCTCAGATGTCTGCCCCACCAACAGGACTGAGGCCGTGTGGGAAGACTTCATAACCTG
 CTTAAAAAGTCAGGATTTGATGATCTTTCTACAGCACTAGAGGCCAGCCTTGCCACCTTTGGCAAAA
 CCTGCTGTTTCTAGACCTTTGTTTTGGTGTAGATGACAACCTTTATTACCAAAGTATGAGATATGAAG
 TCTACCAACTGGCTCGGAAATATTCGCTAGGCTTTTGCCAGCTCTTTTACTGCTGCTCCCTGGAGACATG
 TTTGAAGAGGAATGGTGAGAGTCCCAGCCACTGCCTGACGAGACCATCCAGCTCATGGGGAGAAAGATA
 GAGAAGCCCAACCCTGAGAAAAATGCCTGGGAACACAACGCCTCATAATTCAGAGTTGAGCATGTTCTC
 TGAAGCCAGCCTGGAGGTGACTGGTTTGTGCTTACTGCATTGGAAAATCCCATAAAATGTGTTGAGGA
 TAATACAGAACAAAAGGAAACTGACAGAATTATCTGTTCTACTAACATCCTTCATAAAGCTGATGAGACA
 CTCCGAAGAAGTCTCTCAGACGATGAGGAAGCCAAAGATGAACAAATACCTTAATAACTTGAAGC
 ATCTAGCAGAAGAACTTAACAAGCTCAAAGCAGATGTTTTGGAAGATCTAAGACAAGGAAATAGAAAATA
 TCTGTGCTTTAGCAAACTGACTTATCAGATATTATTTCTTTTGTAAAGGAGAGAGATACTATT
 GTGCAGAAGTATTTTCAAAGCAACAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA



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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_001039534.1](#), [NP_001034623.1](#)

RefSeq Size: 1130 bp

RefSeq ORF: 1080 bp

Locus ID: 214580

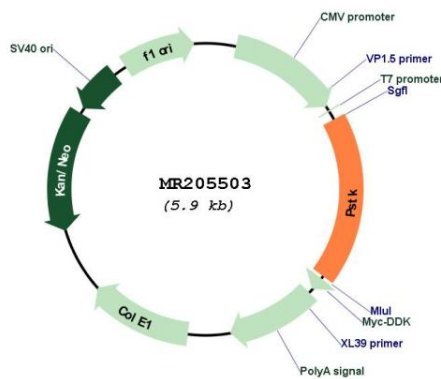
UniProt ID: [Q8BP74](#)

Cytogenetics: 7 F3

MW: 41.2 kDa

Gene Summary: Specifically phosphorylates seryl-tRNA(Sec) to O-phosphoseryl-tRNA(Sec), an activated intermediate for selenocysteine biosynthesis. No activity with other tRNAs has been detected. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR205503